



RBQ-3 Polyclonal Antibody

Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000;IHC-p 1:50-300 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms RBBP5; RBQ3; Retinoblastoma-binding protein 5; RBBP-5; Retinoblastoma-binding protein RBQ-3 Observed Band 59kD Cell Pathway Nucleus . Tissue Specificity Ubiquitously expressed. Function function:Binds preferentially to underphosphorylated retinoblastoma protein.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 6 WD repeats.,subunit:Component of the SET1 cor at least composed of the catalytic subunit (SETD1A or SETD1B), WDR5, WI RBBP5, ASH2/ASH2L and CXXC1/CFP1. Component of MLL-containing complexes (named MLL, ASCOM, MLL2/MLL3 or MLL3/MLL4 complex): at		
Reactivity Human; Mouse; Rat Applications WB; IHC Gene Name RBBP5 Protein Name Retinoblastoma-binding protein 5 Immunogen Synthesized peptide derived from RBQ-3 . at AA range: 190-270 Specificity RBQ-3 Polyclonal Antibody detects endogenous levels of RBQ-3 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000; IHC-p 1:50-300 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms RBBP5; RBQ3; Retinoblastoma-binding protein 5; RBBP-5; Retinoblastoma-binding protein RBQ-3 Observed Band 59kD Cell Pathway Nucleus . Tissue Specificity Ubiquitously expressed. Function function: Binds preferentially to underphosphorylated retinoblastoma protein. PTM:Phosphorylated upon DNA damage, probably by ATM or ATR, similarity:Contains 6 WD repeats, subunit. Component of the SET1 con at least composed of the catalytic subunit (SeTD1A or SETD1B), WDRS, WI RBBP5, ASH2/ASH2L and CXXC1/CFP1. Component of MLL-ocmplex): at	Catalog No	BYab-04112
Applications WB;IHC Gene Name RBBP5 Protein Name Retinoblastoma-binding protein 5 Immunogen Synthesized peptide derived from RBQ-3 . at AA range: 190-270 Specificity RBQ-3 Polyclonal Antibody detects endogenous levels of RBQ-3 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000;IHC-p 1:50-300 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms RBBP5; RBQ3; Retinoblastoma-binding protein 5; RBBP-5; Retinoblastoma-binding protein RBQ-3 Observed Band 59kD Cell Pathway Nucleus . Tissue Specificity Ubiquitously expressed. Function function:Binds preferentially to underphosphorylated retinoblastoma protein, PTM:Phosphorylated upon DNA damage, probably by ATM or ATR_, similarity:Contains 6 WD repeats_, subunit:Component of the SET1 cor at least composed of the catalytic subunit (SETD1A or SETD1B), WDRS, WIR RBBP5, ASH2/ASH2L and CXXCI/CFP1. Component of the SMIL-MIL-MILL-MILL-MILL-MILL-MILL-MILL-M	Isotype	IgG
Gene Name RBBP5 Protein Name Retinoblastoma-binding protein 5 Immunogen Synthesized peptide derived from RBQ-3 . at AA range: 190-270 Specificity RBQ-3 Polyclonal Antibody detects endogenous levels of RBQ-3 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000; IHC-p 1:50-300 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms RBBP5; RBQ3; Retinoblastoma-binding protein 5; RBBP-5; Retinoblastoma-binding protein RBQ-3 Observed Band 59kD Cell Pathway Nucleus . Tissue Specificity Ubiquitously expressed. Function function:Binds preferentially to underphosphorylated retinoblastoma protein, PTM:Phosphorylated upon DNA damage, probably by ATM or ATR_similarity:Contains 6 WD repeats_subunit.Component of the SET1 con at least composed of the catalytic subunit (SETD1A or SETTD1B), WDR5, WIRBBP5, ABPL2/ASH2/L and CXXCI/CFP1. Component of MLL-containing complexes (named MLL, ASCOM, MLL2/ML13 or MLL4 complex) at CAMCI/CFP1.	Reactivity	Human;Mouse;Rat
Protein Name Retinoblastoma-binding protein 5 Immunogen Synthesized peptide derived from RBQ-3 . at AA range: 190-270 Specificity RBQ-3 Polyclonal Antibody detects endogenous levels of RBQ-3 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000;IHC-p 1:50-300 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms RBBP5; RBQ3; Retinoblastoma-binding protein 5; RBBP-5; Retinoblastoma-binding protein RBQ-3 Observed Band 59kD Cell Pathway Nucleus . Tissue Specificity Ubiquitously expressed. Function function:Binds preferentially to underphosphorylated retinoblastoma protein, PTM:Phosphorylated upon DNA damage, probably by ATM or ATR., similarity:Contains 6 WD repeats., subunit:Component of the SET1 cor at least composed of the catalytic subunit (SETD1A or SETD1B), WDR5, WI RBBP5, ASH2/ASH2L and CXXC1/CFP1. Component of MLL-sontianing complexes (named MLL, ASCOM, MLL2/MLL3 or MLL3/MLL4 complex); at the catalytic subunit (SETD1B) multiplies	Applications	WB;IHC
Immunogen Synthesized peptide derived from RBQ-3 . at AA range: 190-270 Specificity RBQ-3 Polyclonal Antibody detects endogenous levels of RBQ-3 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000;IHC-p 1:50-300 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms RBBP5; RBQ3; Retinoblastoma-binding protein 5; RBBP-5; Retinoblastoma-binding protein RBQ-3 Observed Band 59kD Cell Pathway Nucleus . Tissue Specificity Ubiquitously expressed. Function function:Binds preferentially to underphosphorylated retinoblastoma protein .PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 6 WD repeats, subunit.Component of the SET1 cor at least composed of the catalytic subunit (SETD1A or SETD1B), WDR5, WI RBBP5, ASH2/ASH2L and CXXC1/CFP1. Component of MLL-containing complexes (named MLL, ASCOM, MLL2/MLL3 or MLL3/MLL4 complex): at	Gene Name	RBBP5
Specificity RBQ-3 Polyclonal Antibody detects endogenous levels of RBQ-3 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000;IHC-p 1:50-300 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms RBBP5; RBQ3; Retinoblastoma-binding protein 5; RBBP-5; Retinoblastoma-binding protein RBQ-3 Observed Band 59kD Cell Pathway Nucleus . Tissue Specificity Ubiquitously expressed. Function function:Binds preferentially to underphosphorylated retinoblastoma protein.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR., similarity:Contains 6 WD repeats, subunit:Component of the SET1 cor at least composed of the catalytic subunit (SETD1A or SETD1B), WDR5, WIRBBP5, ASH2/ASH2L and CXXC1/CFP1. Component of MLL2-containing complexes (named MLL4, ASCOM, MLL2/MLL4 complex): at	Protein Name	Retinoblastoma-binding protein 5
Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000;IHC-p 1:50-300 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms RBBP5; RBQ3; Retinoblastoma-binding protein 5; RBBP-5; Retinoblastoma-binding protein RBQ-3 Observed Band 59kD Cell Pathway Nucleus . Tissue Specificity Ubiquitously expressed. Function function:Binds preferentially to underphosphorylated retinoblastoma protein.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 6 WD repeats.,subunit:Component of the SET1 cor at least composed of the catalytic subunit (SETD1A or SETD1B), WDR5, WIRSHOW, WRBP5, ASH2/ASH2L and CXXC1/CFP1. Component of MLL-containing complexes (named MLL, ASCOM, MLL2/MLL3 or MLL3/MLL4 complex): at least composed of the catalytic subunit (SETD1A or MLL4 complex): at least composed of the catalytic subunit (SETD1A or SETD1B).	Immunogen	Synthesized peptide derived from RBQ-3 . at AA range: 190-270
Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000;IHC-p 1:50-300 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms RBBP5; RBQ3; Retinoblastoma-binding protein 5; RBBP-5; Retinoblastoma-binding protein RBQ-3 Observed Band 59kD Cell Pathway Nucleus . Tissue Specificity Ubiquitously expressed. Function function:Binds preferentially to underphosphorylated retinoblastoma protein., PTM:Phosphorylated upon DNA damage, probably by ATM or ATR., similarity:Contains 6 WD repeats, subunit:Component of the SET1 cor at least composed of the catalytic subunit (SETD1A or SETD1B), WDR5, WI RBBP5, ASH2/ASH2L and CXXC1/CFP1. Component of MLL-containing complexes (named MLL, ASCOM, MLL2/MLL3 or MLL3/MLL4 complex): at	Specificity	RBQ-3 Polyclonal Antibody detects endogenous levels of RBQ-3 protein.
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Retinoblastoma-binding protein RBQ-3 Observed Band 59kD Cell Pathway Nucleus . Tissue Specificity Ubiquitously expressed. Function function:Binds preferentially to underphosphorylated retinoblastoma protein.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 6 WD repeats.,subunit:Component of the SET1 cor at least composed of the catalytic subunit (SETD1A or SETD1B), WDR5, WIRBBP5, ASH2/ASH2L and CXXC1/CFP1. Component of MLL-containing complexes (named MLL, ASCOM, MLL2/MLL3 or MLL3/MLL4 complex): at	Storage Stability	-20°C/1 year
Cell Pathway Nucleus . Tissue Specificity Ubiquitously expressed. Function function:Binds preferentially to underphosphorylated retinoblastoma protein.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 6 WD repeats.,subunit:Component of the SET1 cor at least composed of the catalytic subunit (SETD1A or SETD1B), WDR5, WIRBP5, ASH2/ASH2L and CXXC1/CFP1. Component of MLL-containing complexes (named MLL, ASCOM, MLL2/MLL3 or MLL3/MLL4 complex): at	Synonyms	3.
Tissue Specificity Ubiquitously expressed. Function function:Binds preferentially to underphosphorylated retinoblastoma protein.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 6 WD repeats.,subunit:Component of the SET1 cor at least composed of the catalytic subunit (SETD1A or SETD1B), WDR5, WI RBBP5, ASH2/ASH2L and CXXC1/CFP1. Component of MLL-containing complexes (named MLL, ASCOM, MLL2/MLL3 or MLL3/MLL4 complex): at	Observed Band	59kD
function: Binds preferentially to underphosphorylated retinoblastoma protein., PTM: Phosphorylated upon DNA damage, probably by ATM or ATR., similarity: Contains 6 WD repeats., subunit: Component of the SET1 cor at least composed of the catalytic subunit (SETD1A or SETD1B), WDR5, WIRBBP5, ASH2/ASH2L and CXXC1/CFP1. Component of MLL-containing complexes (named MLL, ASCOM, MLL2/MLL3 or MLL3/MLL4 complex): at	Cell Pathway	Nucleus .
protein.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 6 WD repeats.,subunit:Component of the SET1 cor at least composed of the catalytic subunit (SETD1A or SETD1B), WDR5, WIRBBP5, ASH2/ASH2L and CXXC1/CFP1. Component of MLL-containing complexes (named MLL, ASCOM, MLL2/MLL3 or MLL3/MLL4 complex): at	Tissue Specificity	Ubiquitously expressed.
methyltransferases (MLL, MLL2, MLL3 and/or MLL4), and the facultative components MEN1, HCFC1, HCFC2, NCOA6, KDM6A, PAXIP1/PTIP and C16orf53/PA1.,tissue specificity:Ubiquitously expressed.,	Function	protein.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 6 WD repeats.,subunit:Component of the SET1 complex, at least composed of the catalytic subunit (SETD1A or SETD1B), WDR5, WDR82, RBBP5, ASH2/ASH2L and CXXC1/CFP1. Component of MLL-containing complexes (named MLL, ASCOM, MLL2/MLL3 or MLL3/MLL4 complex): at least composed ASH2L, RBBP5, DPY30, WDR5, one or several histone methyltransferases (MLL, MLL2, MLL3 and/or MLL4), and the facultative components MEN1, HCFC1, HCFC2, NCOA6, KDM6A, PAXIP1/PTIP and

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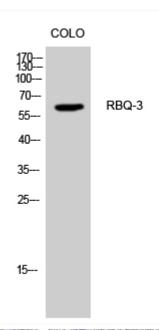


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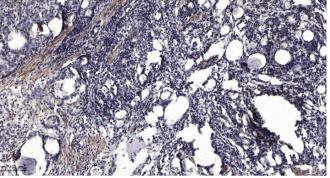


Background	This gene encodes a ubiquitously expressed nuclear protein which belongs to a highly conserved subfamily of WD-repeat proteins. The encoded protein binds directly to retinoblastoma protein, which regulates cell proliferation. It interacts preferentially with the underphosphorylated retinoblastoma protein via the E1A-binding pocket B. Three alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. [provided by RefSeq, Jul 2010],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of CoLo cells using RBQ-3 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

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