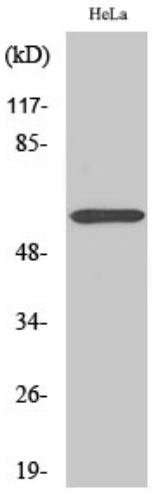
ZNF397 Polyclonal Antibody

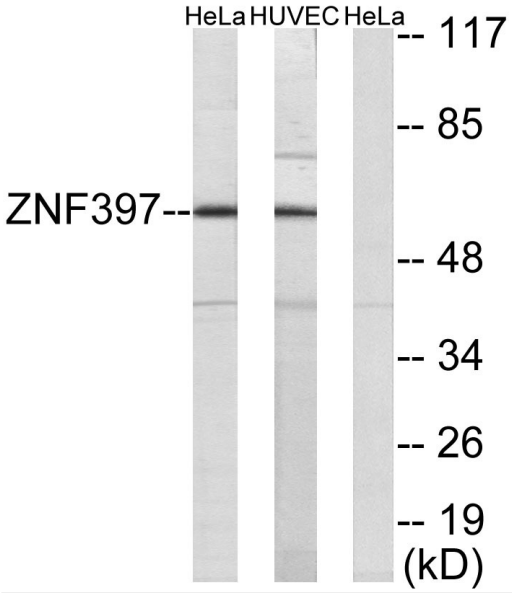
Catalog No	BYab-02186
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	ZNF397
Protein Name	Zinc finger protein 397
Immunogen	The antiserum was produced against synthesized peptide derived from human ZNF397. AA range:10-59
Specificity	ZNF397 Polyclonal Antibody detects endogenous levels of ZNF397 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	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ZNF397; ZNF47; ZSCAN15; Zinc finger protein 397; Zinc finger and SCAN domain-containing protein 15; Zinc finger protein 47
Observed Band	61kD
Cell Pathway	[Isoform 1]: Nucleus.; [Isoform 3]: Nucleus. Cytoplasm.
Tissue Specificity	Expressed strongly in testis, moderately in skeletal muscle, pancreas and prostate, and weakly in heart, placenta, liver, kidney, spleen, thymus and small intestine.
Function	function:Isoform 3 acts as a DNA-dependent transcriptional repressor.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the krueppel C2H2-type zinc-finger protein family.,similarity:Contains 1 SCAN box domain.,similarity:Contains 9 C2H2-type zinc fingers.,subunit:Isoforms 1 and 3 can both homo- and hetero-associate. Homo-association of isoform 1 is dependent on the presence of the SCAN domain.,tissue specificity:Expressed strongly in testis, moderately in skeletal muscle, pancreas and prostate, and weakly in heart, placenta, liver, kidney,

	spleen, thymus and small intestine.,
Background	zinc finger protein 397(ZNF397) Homo sapiens This gene encodes a protein with a N-terminal SCAN domain, and the longer isoform contains nine C2H2-type zinc finger repeats in the C-terminal domain. The protein localizes to centromeres during interphase and early prophase, and different isoforms can repress or activate transcription in transfection studies. Multiple transcript variants encoding different isoforms have been found for this gene. Additional variants have been described, but their biological validity has not been determined. [provided by RefSeq, Oct 2009],
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 various cells using ZNF397 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysates from HeLa and HUVEC cells, using ZNF397 Antibody. The lane on the right is blocked with the synthesized peptide.

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