



## BLMH rabbit pAb

Catalog No	BYab-12299
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	BLMH
Protein Name	BLMH
Immunogen	Synthesized peptide derived from human BLMH AA range: 170-220
Specificity	This antibody detects endogenous levels of BLMH at Human/Mouse/Rat
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 serum by affinity-chromatography using specific immunogen.
Dilution	WB 1: 500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Storage Stability Synonyms	-20°C/1 year
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Synonyms	-20°C/1 year  Cytoplasm . Cytoplasmic granule . Co-localizes with NUDT12 in the cytoplasmic granules
Synonyms Observed Band	Cytoplasm . Cytoplasmic granule . Co-localizes with NUDT12 in the cytoplasmic
Synonyms Observed Band Cell Pathway	Cytoplasm . Cytoplasmic granule . Co-localizes with NUDT12 in the cytoplasmic granules  catalytic activity:Inactivates bleomycin B2 (a cytotoxic glycometallopeptide) by hydrolysis of a carboxyamide bond of beta-aminoalanine, but also shows general aminopeptidase activity. The specificity varies somewhat with source, but amino acid arylamides of Met, Leu and Ala are preferred.,function:The normal physiological role of BLM hydrolase is unknown, but it catalyzes the inactivation of
Synonyms  Observed Band  Cell Pathway  Tissue Specificity	Cytoplasm . Cytoplasmic granule . Co-localizes with NUDT12 in the cytoplasmic granules  catalytic activity:Inactivates bleomycin B2 (a cytotoxic glycometallopeptide) by hydrolysis of a carboxyamide bond of beta-aminoalanine, but also shows general aminopeptidase activity. The specificity varies somewhat with source, but amino acid arylamides of Met, Leu and Ala are preferred.,function:The normal physiological role of BLM hydrolase is unknown, but it catalyzes the inactivation of the antitumor drug BLM (a glycopeptide) by hydrolyzing the carboxamide bond of its B-aminoalaninamide moiety thus protecting normal and malignant cells from BLM toxicity.,similarity:Belongs to the peptidase C1

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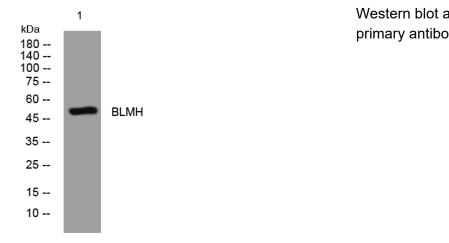


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	metabolic inactivation of the glycopeptide bleomycin (BLM), an essential component of combination chemotherapy regimens for cancer. The protein contains the signature active site residues of the cysteine protease papain superfamily. [provided by RefSeq, Jul 2008],
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 lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night

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