SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-BLMH/HRP Conjugated antibody

Catalog Number: SL11654R-HRP

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-BLMH/HRP
Immunogen:	KLH conjugated synthetic peptide derived from human BLMH (308-400aa)
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse,Rat(predicted:Human,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Background:	background: Bleomycin hydrolase (BMH) is a cytoplasmic cysteine peptidase that is highly conserved through evolution; however, the only known activity of the enzyme is 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]. **Function:** BLMH is a member of the peptidase C1 family and exists as a homohexamer. While its normal physiological function is not known, it protects normal and malignant cells from the glycopeptide antitumor drug BLM. It inactivates bleomycin B2 (a cytotoxic glycometallopeptide) by hydrolysis of a carboxyamide bond of beta-aminoalanine and also shows general aminopeptidase activity. The specificity varies but amino acid arylamides of Met, Leu and Ala are preferred. **Subunit:** Homohexamer.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Subcellular Location: Cytoplasmic **Similarity:** Belongs to the peptidase C1 family. **Database links:** UniProtKB/Swiss-Prot: Q13867 Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.