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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56106_P050-Biotin
Product Page	www.avivasysbio.com/blmh-antibody-middle-region-biotin-arp56106-p050-biotin.html
Name	BLMH Antibody - middle region : Biotin (ARP56106_P050-Biotin)
Protein Size (# AA)	455 amino acids
Molecular Weight	52kDa
Conjugation	Biotin
NCBI Gene Id	642
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Bleomycin hydrolase
Alias Symbols	BH, BMH
Peptide Sequence	Synthetic peptide located within the following region: EYLSNMVGGGRKTLYNNQPIDFLKMKMVAASIKDGEAVWFGCDVVGKHENSKL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	de (2008) J. Clin. Oncol. 26 (11), 1817-1823
Description of Target	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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	NUDT12; WDYHV1; BLMH; UBC; ZBTB1; SH3GLB2; LZTFL1; GORASP2; PES1; GTF2A1; AP1M2; CYP2C8; RNF32; ECSIT; MAST1; COPS5; CUL4B; SUMO2; PDPK1; Fam134a; USP53; KBTBD7; RPL11; UBE2I; TRIO; RPL29; APP;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-BLMH (ARP56106_P050-Biotin) antibody
Blocking Peptide	For anti-BLMH (ARP56106_P050-Biotin) antibody is Catalog# AAP56106 (Previous Catalog# AAPP38011)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human BLMH
Uniprot ID	Q13867
Protein Name	Bleomycin hydrolase
Sample Type Confirmation	BLMH is supported by BioGPS gene expression data to be expressed in 721_B
Protein Accession #	NP_000377
Purification	Affinity Purified
Nucleotide Accession #	NM_000386
Gene Symbol	BLMH

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 85%
Image 1	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two heavy chains are connected to each other and to the two light chains, forming a Y-shape with two antigen-binding arms.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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