HBM Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HBM, Polyclonal Antibody
Full Product Name	HBM Polyclonal Antibody
Product Gene Name	anti-HBM antibody
Product Synonym Names	Hemoglobin subunit mu; Hemoglobin mu chain; Mu-globin; HBM; HBAP2
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Store at-20 degree C for 1 year.
Molecular Weight	15
OMIM	609639
3D Structure	ModBase 3D Structure for Q6B0K9
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HBM antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-HBM antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-HBM antibody	MBS8531490 is an antibody targeting HBM. Also known as HBM Polyclonal Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-HBM antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HBM. It may not necessarily be applicable to this product.

NCBI GI #	51510893
NCBI GeneID	3042
NCBI Accession #	NP_001003938.1
UniProt Primary Accession #	Q6B0K9
UniProt Related Accession #	Q6B0K9
GenBank Nucleotide #	NM_001003938.3
NCBI Official Full Name	hemoglobin subunit mu
NCBI Official Synonym Full Names	hemoglobin subunit mu

NCBI Official Symbol	HBM
NCBI Official Synonym Symbols	HBK; HBAP2
UniProt Protein Name	Hemoglobin subunit mu
UniProt Synonym Protein Names	Hemoglobin mu chain; Mu-globin
Protein Family	Hemoglobin
UniProt Gene Name	HBM
UniProt Synonym Gene Names	HBAP2
NCBI Protein Information	hemoglobin subunit mu
NCBI Summary for HBM	The human alpha globin gene cluster located on chromosome 16 spans about 30 kb and includes seven loci: 5'-zeta - pseudozeta - mu - pseudoalpha-1 - alpha-2 - alpha-1 - theta - 3'. This gene has an ORF encoding a 141 aa polypeptide which is similar to the delta globins found in reptiles and birds. This locus was originally described as a pseudogene; however, it is currently thought to be a protein-coding gene. [provided by RefSeq, Jul 2008]
Research Articles on HBM	**1.** HbM Saskatoon is normally a harmless variant. However, in conjunction with severe pneumonia, we assume that it did not only affect clinical evaluation, but also exacerbated pneumonia by reducing the oxygen binding capacity.
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