PHB Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PHB, Polyclonal Antibody
Full Product Name	PHB
Product Gene Name	anti-PHB antibody
Product Synonym Names	Purified Rabbit Anti Human PHB Polyclonal antibody; HEL-215; HEL-S-54e; PHB1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human Predicted: Rat, Mouse
Form/Format	Already dissolved in sterile H2O with 1% BSA and 0.02% NaN3 and 50% Glycerol.
Purity/Purification	Purified By Protein A/G Column
Molecular Weight	30KD
Immunogen	Recombinant fragment corresponding to 58-262aa of human PHB.
Cellular Localization	Membrane, Mitochondrion, Mitochondrion Inner Membrane
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PHB antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-PHB antibody	ELISA: 1:20000-80000 WB: 1:200-1,000
Related Product Information for anti-PHB antibody	MBS8562890 is an antibody targeting PHB. Reactive in Human Predicted: Rat, Mouse. Host: Rabbit. Homo sapiens prohibitin (PHB), transcript variant 1, mRNA
Product References and Citations for anti-PHB antibody	Heston WE, Parks WP. Mammary tumors and mammary tumor virus expression in hybrid mice of strains C57BL and GR. J Exp Med. 146(5):1206-20 (1977)
Other Notes	Small volumes of anti-PHB 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 PHB. It may not necessarily be applicable to this product.

NCBI GI #	49456373
NCBI GeneID	5245
UniProt Related Accession #	P35232
GenBank Nucleotide #	NM_001281496.1
NCBI Official Full Name	PHB, partial
NCBI Official Synonym Full Names	prohibitin

NCBI Official Symbol	PHB
NCBI Official Synonym Symbols	PHB1; HEL-215; HEL-S-54e
Protein Family	Prohibitin
NCBI Protein Information	prohibitin
NCBI Summary for PHB	This gene is evolutionarily conserved, and its product is proposed to play a role in human cellular senescence and tumor suppression. Antiproliferative activity is reported to be localized to the 3' UTR, which is proposed to function as a trans-acting regulatory RNA. Several pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
Research Articles on PHB	**1.** PHB (prohibitin) expression observed to increase in pancreatic ductal adenocarcinoma (PDAC), tissues, and patient sera. Its expression negatively correlates with overall patient survival.
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