Mouse PHB Monoclonal Antibody | anti-PHB antibody

PHB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283511	**Mouse**	**Human, mouse, rat**	**Western Blot, Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

PHB; Monoclonal Antibody; PHB Antibody; Prohibitin; anti-PHB antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, mouse, rat
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	1215CT487.109.106
Specificity	This antibody is generated from a mice immunized with a recombinant protein between 1-205 amino acids from human.
Purity/Purification	Purified Mouse Monoclonal Antibody (Mab)
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	272
Applicable Applications for anti-PHB antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of lysates from 293,MCF-7,HepG2,mouse NIH/3T3 cell line and rat liver tissue (from left to right),using USF1 Antibody (Center). AAA283511 was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:3000 dilution was used as the secondary antibody.Lysates at 35ug per lane.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded H. stomach section using PHB Antibody. AAA283511 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-PHB antibody	Prohibitin inhibits DNA synthesis. It has a role in regulating proliferation. As yet it is unclear if the protein or the mRNA exhibits this effect. May play a role in regulating mitochondrial respiration activity and in aging.
Product Categories/Family for anti-PHB antibody	Crown Antibodies; Cell Biology; Metabolism; Microbiology
References	Sato T.,et al.Cancer Res. 52:1643-1646(1992). Sato T.,et al.Genomics 17:762-764(1993). Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases. Bienvenut W.V.,et al.Submitted (MAR-2005) to UniProtKB. Lubec G.,et al.Submitted (DEC-2008) to UniProtKB.

NCBI AND UNIPROT INFORMATION

NCBI GI #	527498279
NCBI GeneID	5245
NCBI Accession #	NP_001268425.1
NCBI GenBank Nucleotide #	NM_001281496.1
UniProt Accession #	P35232; Q4VBQ0; B4DY47
Molecular Weight	29804
NCBI Official Full Name	prohibitin isoform 1
NCBI Official Synonym Full Names	prohibitin
NCBI Official Symbol	PHB
NCBI Official Synonym Symbols	PHB1; HEL-215; HEL-S-54e
NCBI Protein Information	prohibitin
UniProt Protein Name	Prohibitin
UniProt Gene Name	**PHB**
UniProt Entry Name	PHB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/phb-antibody-clone-1215ct487-109-106-western-blot-immunohistochemistry-elisa/283511