

Rabbit PHB Polyclonal Antibody | anti-PHB antibody

PHB Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287687	Rabbit	Human (Predicted Reactivity: Drosophila, Bovine, Mouse, Rat)	ELISA, Western Blot

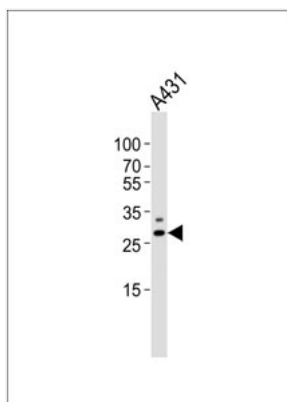
PRODUCT SYNONYMS

PHB; Polyclonal Antibody; PHB Antibody (N-term); Prohibitin; anti-PHB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Drosophila, Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PHB antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 73-107 amino acids from the N-terminal region of human PHB.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Applicable Applications for anti-PHB antibody	ELISA, WB (Western Blot)
Cellular Location	Mitochondrion inner membrane.
Tissue Location	Widely expressed in different tissues.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. 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 lysate from A431 cell line, using PHB Antibody (N-term). AAA287687 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

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.