

Rabbit PHB Polyclonal Antibody | anti-PHB antibody

PHB antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23420	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

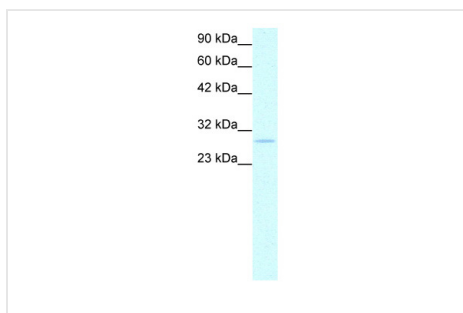
PRODUCT SYNONYMS

PHB; Polyclonal Antibody; PHB antibody - C-terminal region; anti-PHB antibody

PRODUCT SPECIFICATIONS

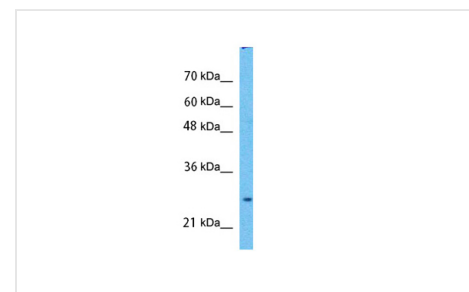
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AE QKKAAIISA EGDSKAAELI ANSLATAGDG LIELRKLEAA EDIAYQLS
Sequence Length	272
Applicable Applications for anti-PHB antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human PHB
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



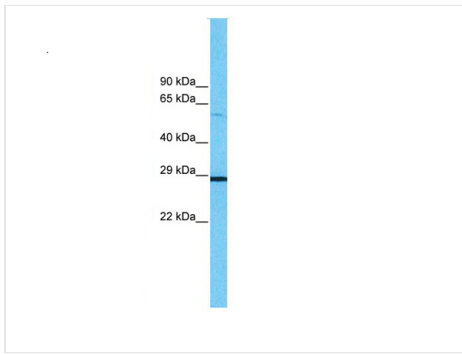
WB (Western Blot)

WB Suggested Anti-PHB Antibody Titration: 0.2-1 ug/ml
Positive Control: Jurkat cell lysate
PHB is supported by BioGPS gene expression data to be expressed in Jurkat



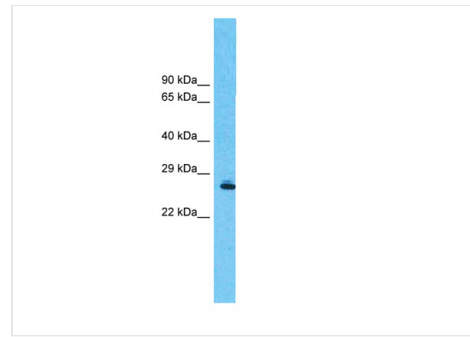
WB (Western Blot)

Host: Rabbit
Target Name: PHB
Sample Type: Daudi Cell lysates
Antibody Dilution: 1.0ug/ml



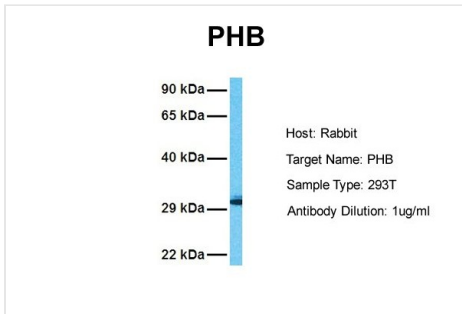
WB (Western Blot)

Host: Rabbit Target Name: PHB Sample Type: 721_b Cell lysates Antibody Dilution: 1.0ug/ml



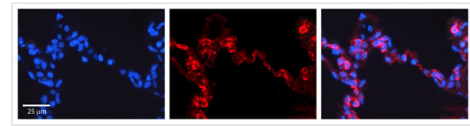
WB (Western Blot)

Host: Rabbit Target Name: PHB Sample Type: 293 Cell lysates Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: Rabbit Target Name: PHB Sample Tissue: Human 293T Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)

PHB antibody - C-terminal region Formalin Fixed Paraffin Embedded Tissue: Human Lung Tissue Observed Staining: Cytoplasm of pneumocytes Primary Antibody Concentration: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-PHB antibody	This is a rabbit polyclonal antibody against PHB. It was validated on Western Blot and immunohistochemistry Target Description: Prohibitin is from an evolutionarily conserved gene that is ubiquitously expressed. It is thought to be a negative regulator of cell proliferation and may be a tumor suppressor. Mutations in PHB have been linked to sporadic breast cancer. Prohibitin is expressed as two transcripts with varying lengths of 3' untranslated region. The longer transcript is present at higher levels in proliferating tissues and cells, suggesting that this longer 3' untranslated region may function as a trans-acting regulatory RNA.
Product Categories/Family for anti-PHB antibody	Polyclonal; Cell Cycle Proteins; Transcription Regulation; E3 & Ubiquitin; Disease Related; Immunohistochemistry; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505773
NCBI GeneID	5245
NCBI Accession #	NP_002625
NCBI GenBank Nucleotide #	NM_002634
UniProt Accession #	P35232
Molecular Weight	30kDa
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/polyclonal/phb-antibody-western-blot-immunohistochemistry-elisa/23420>