

Rabbit PHB2 Polyclonal Antibody | anti-PHB2 antibody

PHB2 antibody - C-terminal region

CATALOG # AAA199913	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Human, Mouse, Pig, Rabbit, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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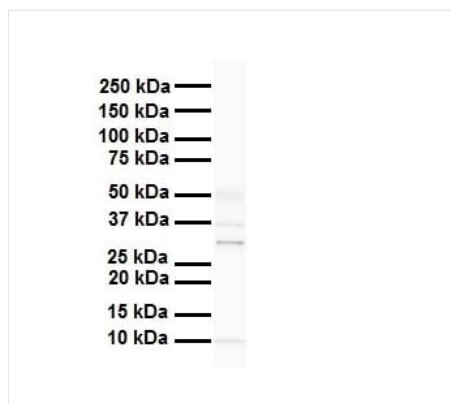
PRODUCT SYNONYMS

PHB2; Polyclonal Antibody; PHB2 antibody - C-terminal region; anti-PHB2 antibody

PRODUCT SPECIFICATIONS

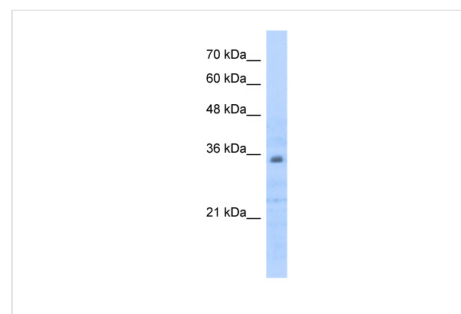
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KL RKIRAAQNIS KTATSQNRI YLTADNLVLN LQDESFTGRG DSLIKGKK
Sequence Length	299
Applicable Applications for anti-PHB2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 93%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human PHB2
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



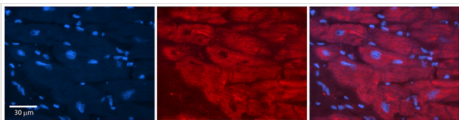
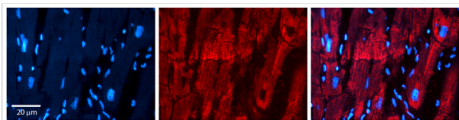
WB (Western Blot)

WB Suggested Anti-PHB2 antibody Titration: 1 ug/mL Sample Type: Human heart



WB (Western Blot)

WB Suggested Anti-PHB2 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate PHB2 is supported by BioGPS gene expression data to be expressed in HepG2



IHC (Immunohistochemistry)
 Rabbit Anti-PHB2 Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart
 Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: 1:100 Other Working
 Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody
 Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

IHC (Immunohistochemistry)
 Rabbit Anti-PHB2 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Adult
 heart Observed Staining: Cytoplasmic Primary Antibody Concentration: 1:600 Secondary
 Antibody: Donkey anti-Rabbit-Cy2/3 Secondary Antibody Concentration: 1:200 Magnification:
 20X Exposure Time: 0.5 - 2.0 sec Protocol located in Reviews and Data.

ADDITIONAL INFORMATION

Related Product Information for anti-PHB2 antibody	This is a rabbit polyclonal antibody against PHB2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: PHB2 acts as a mediator of transcriptional repression by nuclear hormone receptors via recruitment of histone deacetylases (By similarity). It functions as an estrogen receptor (ER)-selective coregulator that potentiates the inhibitory activities of antiestrogens and represses the activity of estrogens. PHB2 competes with NCOA1 for modulation of ER transcriptional activity. It probably involved in regulating mitochondrial respiration activity and in aging.
Product Categories/Family for anti-PHB2 antibody	Polyclonal; Transcription Regulation; Chromatin & Nuclear Signaling; Various; Epigenetics; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	6005854
NCBI GeneID	11331
NCBI Accession #	NP_009204
NCBI GenBank Nucleotide #	NM_007273
UniProt Accession #	Q99623
Molecular Weight	33kDa
NCBI Official Synonym Full Names	prohibitin 2
NCBI Official Symbol	PHB2
NCBI Official Synonym Symbols	BAP; REA; p22; hBAP; Bap37; BCAP37; PNAS-141
NCBI Protein Information	prohibitin-2
UniProt Protein Name	Prohibitin-2
UniProt Gene Name	PHB2
UniProt Entry Name	PHB2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/polyclonal/phb2-antibody-immunohistochemistry-western-blot-elisa/199913>