

Rabbit PHB2 Polyclonal Antibody | anti-PHB2 antibody

PHB2 Polyclonal Antibody

CATALOG # AAA37525	HOST Rabbit	APPLICATIONS Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

PHB2; Polyclonal Antibody; PHB2 Polyclonal Antibody; PHB2;BAP;BCAP37;Bap37;PNAS-141;REA;hBAP;p22; anti-PHB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	299
Applicable Applications for anti-PHB2 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-299 of human Prohibitin 2 (Prohibitin 2 (PHB2)) (NP_001138303.1).
Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



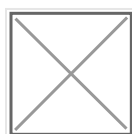
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophagus using PHB2 antibody at dilution of 1:100 (40x lens).



IP (Immunoprecipitation)

Immunoprecipitation analysis of 300ug extracts of A-549 cells using 3ug Prohibitin 2 (PHB2) antibody(AAA37525). Western blot was performed from the immunoprecipitate using Prohibitin 2 (PHB2) antibody (AAA37525) at a dilution of 1:1000



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PHB2 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-PHB2 antibody	Background: Protein with pleiotropic attributes mediated in a cell-compartment- and tissue-specific manner, which include the plasma membrane-associated cell signaling functions, mitochondrial chaperone, and transcriptional co-regulator of transcription factors and sex steroid hormones in the nucleus.
Product Categories/Family for anti-PHB2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	74752151
NCBI GeneID	11331
UniProt Accession #	Q99623; Q2YDA4; Q7KYU3; Q92978; B4DP75
Molecular Weight	Observed MW: 32kDa Calculated MW: 29kDa/33kDa
NCBI Official Full Name	Prohibitin-2
NCBI Official Synonym Full Names	prohibitin 2
NCBI Official Symbol	PHB2
NCBI Official Synonym Symbols	BAP; REA; p22; Bap37; BCAP37; PNAS-141
NCBI Protein Information	prohibitin-2; PHB2; D-prohibitin; B-cell associated protein; repressor of estrogen receptor activity; B-cell receptor-associated protein BAP37
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.