

Rabbit anti-Human, Rat Prohibitin Monoclonal Antibody | anti-PHB antibody

Recombinant Prohibitin Monoclonal Antibody

CATALOG # AAA178875	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Prohibitin; Monoclonal Antibody; Recombinant Prohibitin Monoclonal Antibody; Epididymis luminal protein 215; Epididymis secretory sperm binding protein Li 54e; HEL 215; HEL S 54e; PHB; PHB1; anti-PHB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	R07-2G1
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-PHB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human Prohibitin
Research Area	Cancer, Cell Biology, Epigenetics and Nuclear Signaling, Metabolism, Tags and Cell Markers
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of Prohibitin in paraffin-embedded Human Cholangiocarcinoma using Prohibitin Rabbit mAb at dilution 1:50



WB (Western Blot)

Western blot detection of Prohibitin in Hela,A549,HL-60,U2OS,C6 using Prohibitin Rabbit mAb(1:1000 diluted)

ADDITIONAL INFORMATION

Related Product Information for anti-PHB antibody	Prohibitin,also known as PHB,a member of the Band-7 family of proteins,is widely distributed in bacteria,plants,yeast,protozoa and mammals and is important in cell proliferation,differentiation and apoptosis. This protein localizes to the inner membrane of mitochondria,where it acts as a chaperone protein,and is also found in the nucleus,where it negatively regulates transcription. Recent study confirmed that the expression and distribution of PHB,which is nuclear matrix protein,affect the apoptosis of HaCaT cells and its co-localization with specific gene products connected with cell apoptosis.
Product Categories/Family for anti-PHB antibody	Antibodies ; Primary Antibodies ; Recombinant Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	246483
NCBI GeneID	5245
UniProt Accession #	P35232; Q4VBQ0
Molecular Weight	29,804 Da
NCBI Official Full Name	prohibitin
NCBI Official Synonym Full Names	prohibitin
NCBI Official Symbol	PHB
NCBI Official Synonym Symbols	PHB1
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/prohibitin-antibody-clone-r07-2g1-immunohistochemistry-western-blot-elisa/178875>