

Rabbit anti-Human Prohibitin Polyclonal Antibody | anti-PHB antibody

Rabbit anti-Prohibitin Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211724	Rabbit	Human	Immunohistochemistry, Western Blot

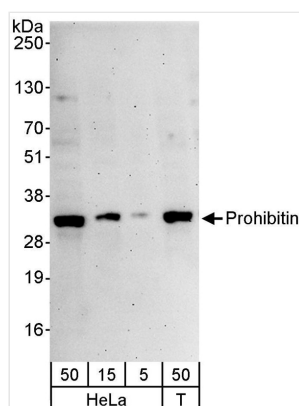
PRODUCT SYNONYMS

Prohibitin; Polyclonal Antibody; Rabbit anti-Prohibitin Antibody; Affinity Purified; epididymis luminal protein 215; PHB1; HEL-S-54e; epididymis secretory sperm binding protein Li 54e; prohibitin; HEL-215; anti-PHB antibody

PRODUCT SPECIFICATIONS

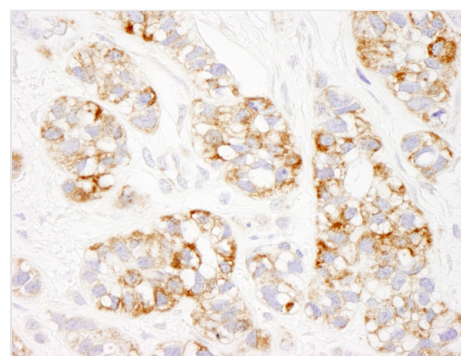
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-PHB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Predicted Reactivity	Mouse, Rat, Bovine
Immunogen	Between 222 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human Prohibitin by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug) and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-Prohibitin antibody AAA211724 used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IHC (Immunohistochemistry)

Detection of human Prohibitin by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-Prohibitin (Cat. No. AAA211724 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PHB antibody	Prohibitin (PHB) has been identified as a tumor suppressor protein that can repress E2F-mediated transcription and arrest cell cycle progression. It has recently been shown to associate with members of the minichromosome maintenance complex such as MCM2, MCM5, and MCM7 and therefore is thought to impart its growth inhibitory effects via association with the replication machinery. Prohibitin is also implicated in regulating mitochondrial respiration and playing a role in aging.
Product Categories/Family for anti-PHB antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505773
NCBI GeneID	5245
NCBI Accession #	NP_002625.1
NCBI GenBank Nucleotide #	NM_002634.3
UniProt Accession #	P35232 ; Q4VBQ0
Molecular Weight	272
NCBI Official Full Name	prohibitin isoform 1
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://www.aaabiotech.com/polyclonal/prohibitin-antibody-immunohistochemistry-western-blot-elisa/211724>