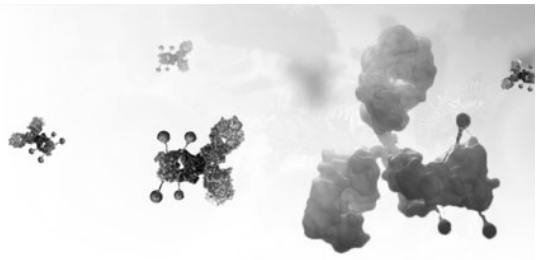

Rabbit Anti-Human PHB Polyclonal Antibody (CABT-L2099)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Prohibitin (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against PHB. It has been selected for its ability to recognize PHB in immunohistochemical staining and western blotting.
Target	PHB
Immunogen	Recombinant fragment corresponding to human PHB (Lys177~Gln272)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

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Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags
Warnings	For research use only.

BACKGROUND

Introduction	This gene is evolutionarily conserved, and its product is proposed to play a role in human cellular senescence and tumor suppression. Antiproliferative activity is reported to be localized to the 3 UTR, which is proposed to function as a trans-acting regulatory RNA. Several pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
Keywords	PHB

GENE INFORMATION

Gene Name	PHB prohibitin [Homo sapiens (human)]
Official Symbol	PHB
Synonyms	PHB; prohibitin; PHB1; HEL-215; HEL-S-54e; epididymis luminal protein 215; epididymis secretory sperm binding protein Li 54e;
Entrez Gene ID	5245
Protein Refseq	NP_001268425
UniProt ID	A8K401
Chromosome Location	17q21
Pathway	Integrated Breast Cancer Pathway;
Function	enzyme binding; histone deacetylase binding; protein binding; sequence-specific DNA binding RNA polymerase II transcription factor activity; transcription regulatory region DNA binding;

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