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Datasheet for ABIN3020628

anti-Prohibitin antibody (AA 73-272)

8 Images

Overview

Quantity:	100 µL
Target:	Prohibitin (PHB)
Binding Specificity:	AA 73-272
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Prohibitin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 73-272 of human Prohibitin (NP_002625.1).
Sequence:	PRNVPVITGS KDLQNVNITL RILFRPVASQ LPRIFTSIGE DYDERVLPSI TTEILKSVVA RFDAGELITQ RELVSRQVSD DLTERAATFG LILDDVSLTH LTFGKEFTEA VEAQVAQQE AERARFVVEK AEQQKKAAIL SAEGDSKAAE LIANSLATAG DGLIELRKLE AAEDIAYQLS RSRNITYLPA GQSVLLQLPQ
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

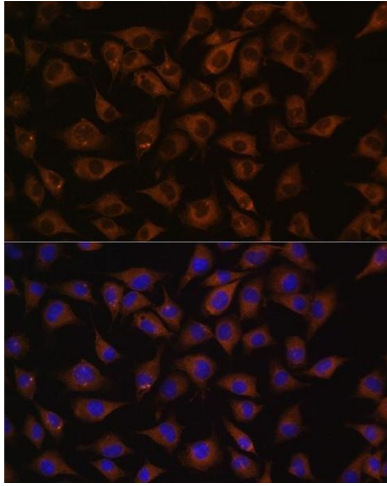
Target:	Prohibitin (PHB)
Alternative Name:	PHB (PHB Products)
Background:	This gene is evolutionarily conserved, and its product is proposed to play a role in human cellular senescence and tumor suppression. Antiproliferative activity is reported to be localized to the 3' UTR, which is proposed to function as a trans-acting regulatory RNA. Several pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants.,HEL-215,HEL-S-54e,PHB1,PHB,Prohibitin,Epigenetics & Nuclear Signaling,Cell Biology & Developmental Biology,Apoptosis,Cell Cycle,Cell cycle inhibitors,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial markers,PHB
Molecular Weight:	17 kDa/29 kDa
Gene ID:	5245
UniProt:	P35232
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

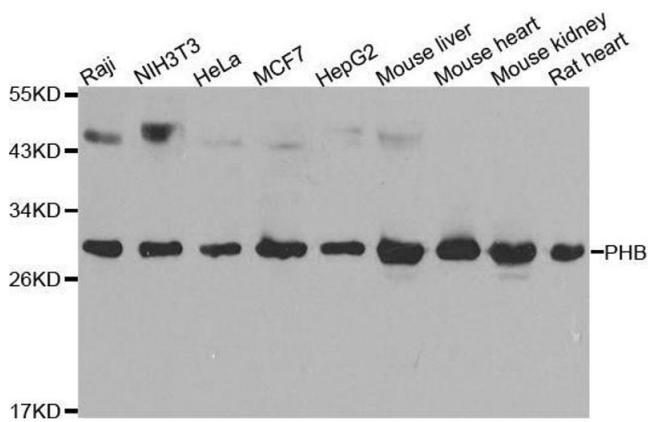
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



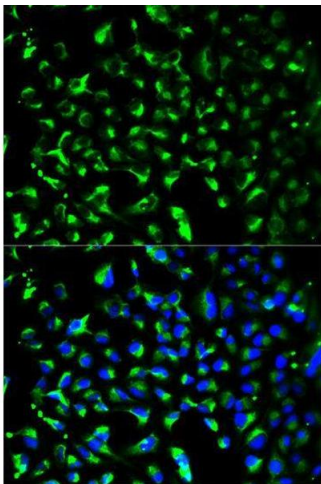
Immunofluorescence

Image 1. Immunofluorescence analysis of L929 cells using Prohibitin Rabbit pAb (ABIN3020627, ABIN3020628, ABIN3020629 and ABIN6213601) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using PHB antibody.



Immunofluorescence

Image 3. Immunofluorescence analysis of HeLa cell using PHB antibody. Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN3020628.