

Datasheet for ABIN6145523

anti-Prohibitin antibody (AA 73-272)[Go to Product page](#)**2** 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), Immunohistochemistry (IHC)

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 VEAQVAAQQE AERARFVVEK AEQQKKAAIL SAEGDSKAAE LIANSLATAG DGLIELRKLE AAEDIAYQLS RSRNITYLPA GQSVLLQLPQ
Isotype:	IgG
Cross-Reactivity:	Human, Monkey, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

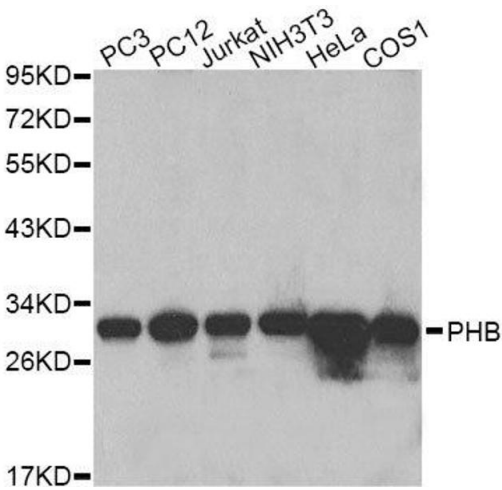
Target:	Prohibitin (PHB)
Alternative Name:	PHB (PHB Products)
Background:	This gene is evolutionarily conserved, and its product is proposed to play a role in human cellular senescence and tumor suppression. Antiproliferative activity is reported to be localized to the 3' UTR, which is proposed to function 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,IHC,1:50 - 1:200
Restrictions:	For Research Use only

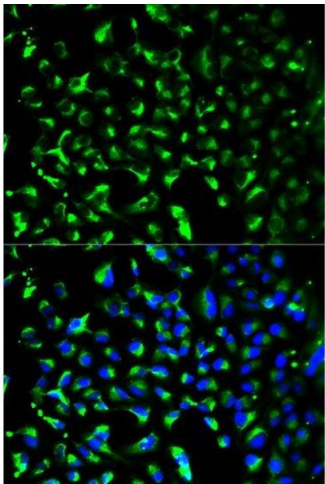
Handling

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.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using PHB antibody.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells using PHB antibody.