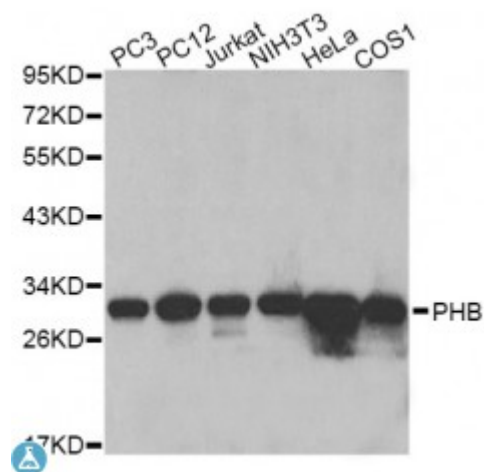


Anti-PHB Antibody



Description

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.

Model	STJ115487
Host	Rabbit
Reactivity	Human, Mouse, Rat, Simian
Applications	IF, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 73-272 of human PHB (NP_002625.1).
Gene ID	5245
Gene Symbol	PHB
Dilution range	WB 1:500 - 1:2000 IF 1:50 - 1:200
Tissue Specificity	Widely expressed in different tissues
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Prohibitin
Molecular Weight	29.804 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:8912OMIM:176705Reactome:R-HSA-5673000
Alternative Names	Prohibitin
Function	Prohibitin inhibits DNA synthesis, It has a role in regulating proliferation, As yet it is unclear if the protein or the mRNA exhibits this effect, May play a role in regulating mitochondrial respiration activity and in aging,
Cellular Localization	Mitochondrion inner membrane

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