

Product name:	Prohibitin Rabbit Polyclonal Antibody
Cat number:	ABN00050
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide of human Prohibitin
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,FC 1:50-1:100,IP 1:20-1:50
Molecular Weight:	Calculated MW: 30 kDa; Observed MW: 30 kDa
Purification:	Affinity Chromatography
Form:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	PHB1 is 30kDa tumor suppressor protein involved in cell cycle control. PHB1 has been found in mitochondria, the nucleus and the plasma membrane, as well as extracellularly in circulation. In mitochondria prohibitins mainly exist as membrane-bound ring complexes and function as chaperones maintaining mitochondrial protein stability during protein synthesis and transportation.