



PHB2 rabbit pAb

Cat No.:ES11135

For research use only

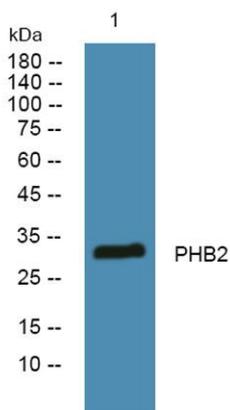
Overview

Product Name	PHB2 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PHB2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Prohibitin-2 (B-cell receptor-associated protein BAP37) (D-prohibitin) (Repressor of estrogen receptor activity)
Gene Name	PHB2 BAP REA
Cellular localization	Mitochondrion inner membrane . Cytoplasm . Nucleus . Cell membrane .; [Isoform 1]: Mitochondrion inner membrane .; [Isoform 2]: Mitochondrion inner membrane .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	32kD
Human Gene ID	11331
Human Swiss-Prot Number	Q99623
Alternative Names	
Background	developmental stage:Levels of expression in fibroblasts decrease heterogeneously during cellular aging.,function:Acts as a mediator of transcriptional repression by nuclear hormone receptors via





recruitment of histone deacetylases (By similarity). Functions as an estrogen receptor (ER)-selective coregulator that potentiates the inhibitory activities of antiestrogens and represses the activity of estrogens. Competes with NCOA1 for modulation of ER transcriptional activity. Probably involved in regulating mitochondrial respiration activity and in aging.,induction:Expression increases approximately 3-fold upon entry into G1 phase compared to other phases of the cell cycle. Also induced following inhibition of mitochondrial protein synthesis by thiamphenicol.,similarity:Belongs to the prohibitin family.,subcellular location:Also cytoplasmic and nuclear.,subunit:Interacts with PHB, ESR1, HDAC1 and HDAC5.,



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4°over night

