

PHB2 Polyclonal Antibody

Cat No: HR1AP12246

For research use only

Overview

Product Name	PHB2 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Rat,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	32kDa
GeneID?Human?	PHB2 BAP REA
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	<p>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.,</p>