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REA Rabbit mAb

Catalog # AP76015

Product Information

Application	WB, IHC-P, FC
Primary Accession	Q99623
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	33296

Additional Information

Gene ID	11331
Other Names	PHB2
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A FC~~1:50-1:100
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

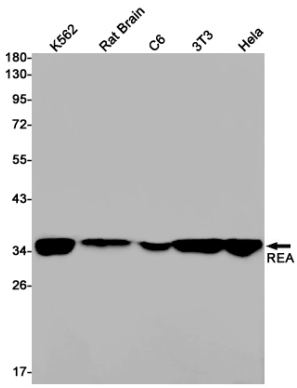
Protein Information

Name	PHB2 {ECO:0000312|EMBL:AAH14766.1, ECO:0000312|HGNC:HGNC:30306}
Function	Protein with pleiotropic attributes mediated in a cell- compartment- and tissue-specific manner, which include the plasma membrane-associated cell signaling functions, mitochondrial chaperone, and transcriptional co-regulator of transcription factors and sex steroid hormones in the nucleus.
Cellular Location	Mitochondrion inner membrane. Cytoplasm. Nucleus. Cell membrane Note=Localizes within both nucleus and cytoplasm in proliferative primary myoblasts and mostly within the nucleus of differentiated primary myoblasts. [Isoform 2]: Mitochondrion inner membrane
Tissue Location	Expressed in myoblasts.

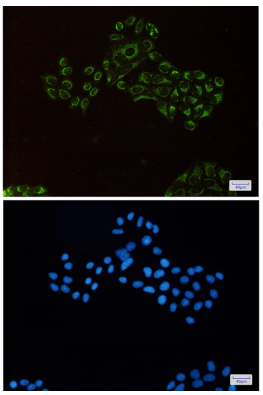
Background

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.

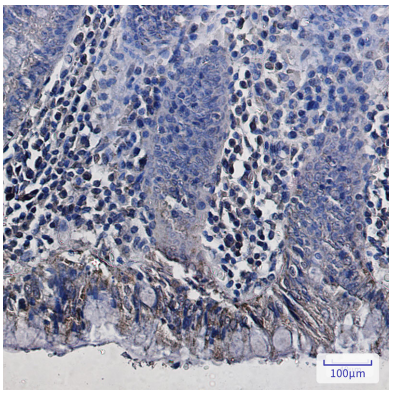
Images



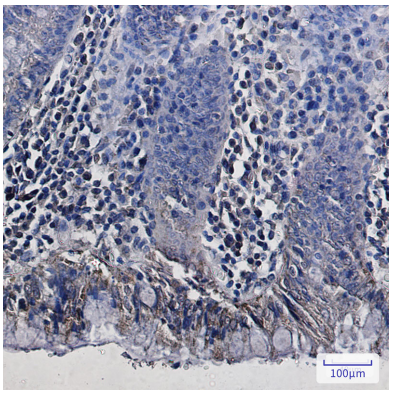
Western blot analysis of REA in K562, rat Brain, C6, 3T3, Hela lysates using REA antibody.



Immunocytochemistry analysis of REA(green) in Hela using REA antibody,and DAPI(blue)



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using REA antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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