

Datasheet for ABIN2855290
anti-Prohibitin 2 antibody

5 Images

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Overview

Quantity:	100 µL
Target:	Prohibitin 2 (PHB2)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Prohibitin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Prohibitin 2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to Prohibitin 2 (prohibitin 2) Prohibitin 2 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Prohibitin 2 (PHB2)
Alternative Name:	prohibitin 2 (PHB2 Products)

Target Details

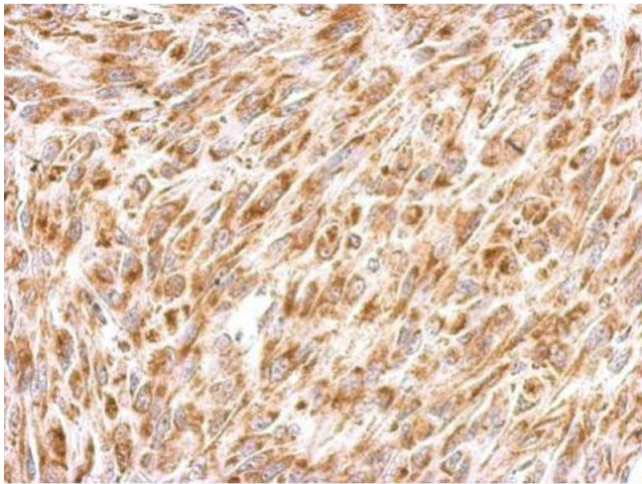
Background:	Acts as a mediator of transcriptional repression by nuclear hormone receptors via recruitment of histone deacetylases (By similarity). Functions as an estrogen receptor (ER)-selective coregulator that potentiates the inhibitory activities of antiestrogens and represses the activity of estrogens. Competes with NCOA1 for modulation of ER transcriptional activity. Probably involved in regulating mitochondrial respiration activity and in aging. Cellular Localization: Mitochondrion inner membrane (By similarity) , Cytoplasm (By similarity) , Nucleus (By similarity)
Molecular Weight:	33 kDa
Gene ID:	11331
UniProt:	Q99623
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Mouse brain , H1299 , HeLa
Restrictions:	For Research Use only

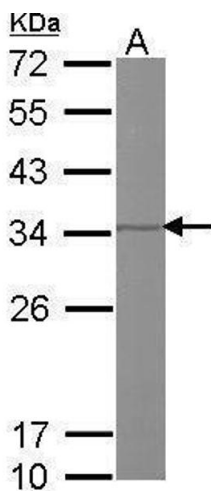
Handling

Format:	Liquid
Concentration:	0.66 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



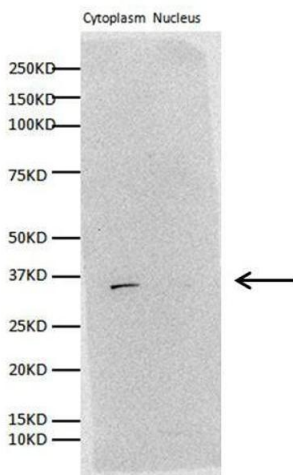
Immunohistochemistry

Image 1. IHC-P Image Prohibitin 2 antibody detects PHB2 protein at cytosol on U87 xenograft by immunohistochemical analysis. Sample: Paraffin-embedded U87 xenograft. Prohibitin 2 antibody, dilution: 1:500.



Western Blotting

Image 2. WB Image Sample (50 ug of whole cell lysate) A: Mouse brain 12% SDS PAGE antibody diluted at 1:1000



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: H1299 B: Hela 10% SDS PAGE antibody diluted at 1:1000

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2855290.