

Datasheet for ABIN6242574
anti-Prohibitin 2 antibody (C-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	Prohibitin 2 (PHB2)
Binding Specificity:	AA 197-226, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Prohibitin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This REA (PHB2) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 197-226 amino acids from the C-terminal region of human REA (PHB2).
Clone:	RB10631
Isotype:	Ig Fraction
Predicted Reactivity:	B, M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Prohibitin 2 (PHB2)
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Target Details

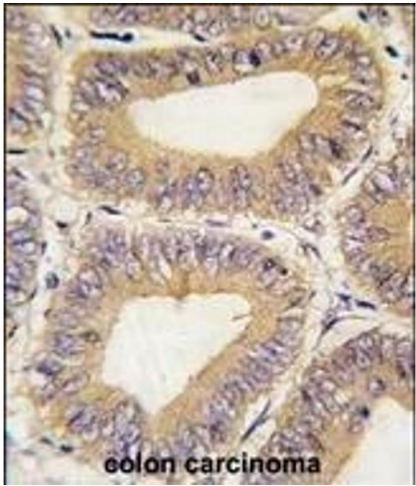
Alternative Name:	REA (PHB2 Products)
Background:	Acts as a mediator of transcriptional repression by nuclear hormone receptors via recruitment of histone deacetylases. Functions as an estrogen receptor (ER)-selective coregulator that potentiates the inhibitory activities of antiestrogens and represses the activity of estrogens. Competes with NCOA1 for modulation of ER transcriptional activity. Probably involved in regulating mitochondrial respiration activity and in aging.
Molecular Weight:	33296
NCBI Accession:	NP_001138303 , NP_001254629
UniProt:	Q99623
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

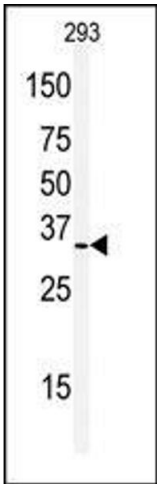
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months



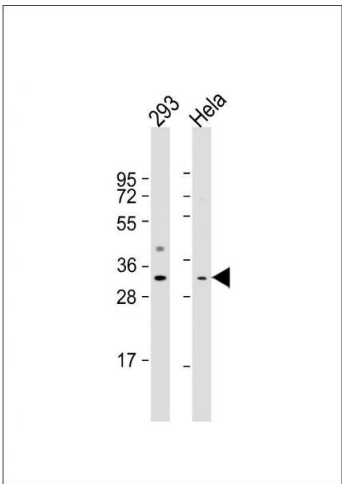
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human colon carcinoma tissue reacted with PHB2 Antibody (C-term) (ABIN6242574 and ABIN6578986) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of anti-PHB2 Antibody (C-term) (ABIN6242574 and ABIN6578986) in 293 cell line lysates (35 µg/lane). PHB2(arrow) was detected using the purified Pab.



Western Blotting

Image 3. All lanes : Anti-PHB2 (Human C-term) at 1:1000 dilution Lane 1: 293 whole cell lysate Lane 2: HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 33 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.