

Datasheet for ABIN3028947 **anti-Prohibitin antibody**

3 Images



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Overview

Quantity:	0.4 mL
Target:	Prohibitin (PHB)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Prohibitin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	This PHB1 antibody was produced from a mice immunized with a recombinant protein between 1-205 amino acids from the human protein.
Clone:	1215CT487-109-106
Isotype:	IgG2b kappa
Purification:	Purified

Target Details

Target:	Prohibitin (PHB)
Alternative Name:	PHB1 (PHB Products)
Background:	Prohibitin inhibits DNA synthesis. It has a role in regulating proliferation. As yet it is unclear if the protein or the mRNA exhibits this effect. May play a role in regulating mitochondrial respiration activity and in aging.

Target Details

UniProt:	P35232
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling

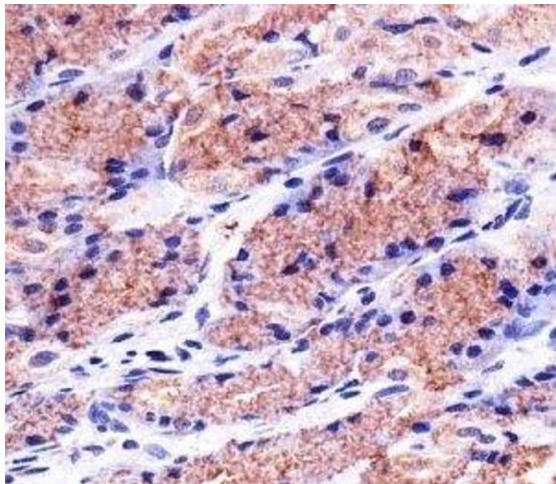
Application Details

Application Notes:	Titration of the PHB1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. IHC (Paraffin): 1:25,Western blot: 1:1000
Restrictions:	For Research Use only

Handling

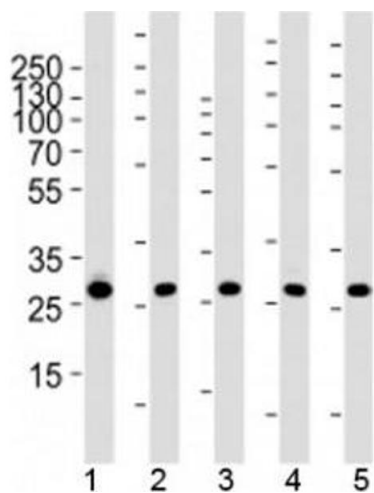
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the PHB1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



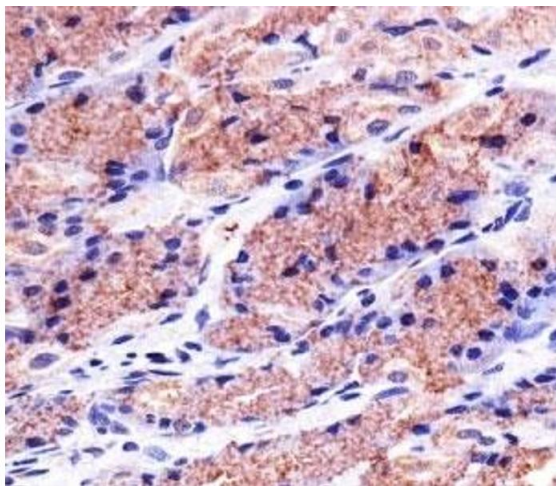
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human stomach using PHB1 antibody at 1:25 dilution.



Western Blotting

Image 2. Western blot analysis of lysate from 1) 293, 2) MCF-7, 3) HepG2, 4) mouse NIH3T3 cell line and 5) rat liver tissue using PHB1 antibody at 1:1000. Predicted molecular weight ~29 kDa.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded human stomach using PHB1 antibody at 1:25 dilution.