

Datasheet for ABIN2788746
anti-Prohibitin antibody (C-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	Prohibitin (PHB)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Guinea Pig, Rabbit, Cow, Dog, Horse, Goat, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Prohibitin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Sequence:	AKQVAQQEAE RARFVVEKAE QQKKAAIISA EGDSKAAELI ANSLATAGDG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 85%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 92%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against Phb. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Prohibitin (PHB)
Alternative Name:	Phb (PHB Products)

Target Details

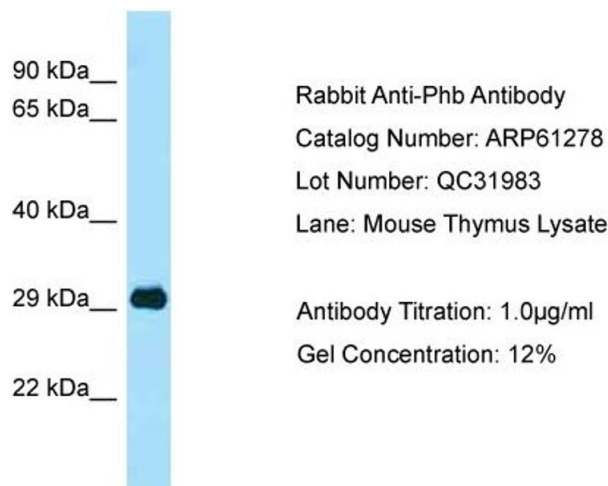
Background:	Prohibitin inhibits DNA synthesis. It has a role in regulating proliferation. As yet it is unclear if the protein or the mRNA exhibits this effect. Phb may play a role in regulating mitochondrial respiration activity and in aging. Alias Symbols: BAP32, Bap32 Protein Interaction Partner: Eed, SNCA, Protein Size: 272
Molecular Weight:	30 kDa
Gene ID:	18673
NCBI Accession:	NM_008831 , NP_032857
UniProt:	P67778
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 272 AA
Restrictions:	For Research Use only

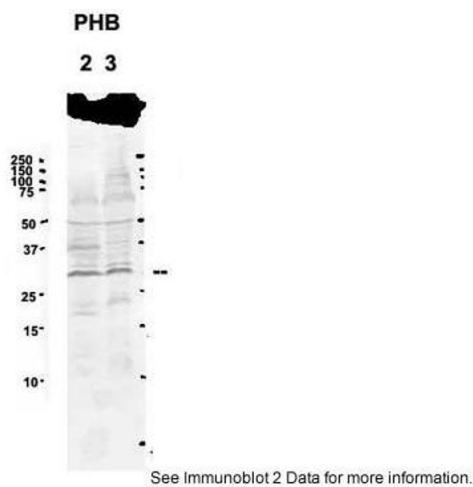
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1.



Western Blotting

Image 2. **Sample Type:** 2. mouse brain extracts (80ug)
3. rat brain extract (80ug)

Primary Antibody Dilution: 2ug/ml

Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR Bioscience

Secondary Antibody Dilution: 1: 20,000

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