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Datasheet for ABIN686692

anti-Prohibitin antibody (AA 171-272)

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Overview

Quantity:	100 µL
Target:	Prohibitin (PHB)
Binding Specificity:	AA 171-272
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Prohibitin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Prohibitin
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Horse
Purification:	Purified by Protein A.

Target Details

Target:	Prohibitin (PHB)
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Target Details

Alternative Name:	Prohibitin (PHB Products)
Background:	Synonyms: PHB1, HEL-215, HEL-S-54e, Prohibitin, PHB 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.
Gene ID:	5245
UniProt:	P35232
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

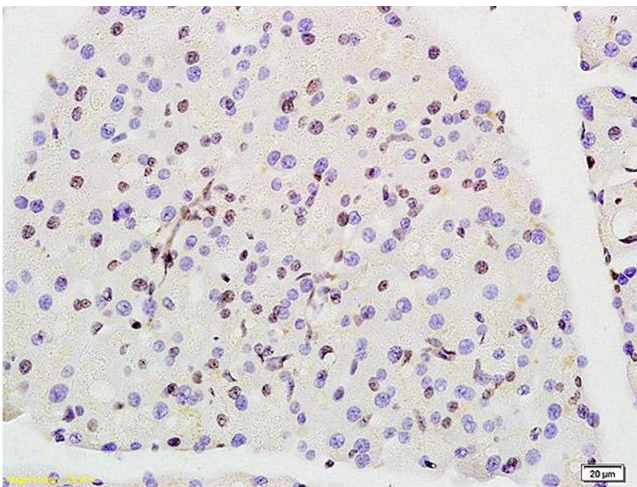
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in: Wang, Shi, He, Lu, Li, Chen: "Comparative Secretome Analysis Reveals Perturbation of Host Secretion Pathways by a Hypovirus." in: **Scientific reports**, Vol. 6, pp. 34308, (2016) ([PubMed](#)).

Xing, Yuan, Xu, Gu, Liang, Lu: "Proteomic identification of mitochondrial targets involved in andrographolide sodium bisulfite-induced nephrotoxicity in a rat model." in: **Environmental toxicology and pharmacology**, Vol. 40, Issue 2, pp. 592-9, (2015) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat pancreas labeled with Anti-Prohibitin Polyclonal Antibody, Unconjugated (ABIN686692) at 1:200 followed by conjugation to the secondary antibody and DAB staining.

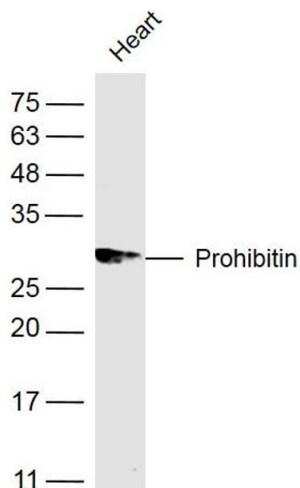


Image 2. Mouse heart lysates probed with Prohibitin Polyclonal Antibody, Unconjugated at 1:500 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.