

Datasheet for ABIN7453838
anti-Prohibitin antibody (AA 222-272)



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Overview

Quantity:	20 µg
Target:	Prohibitin (PHB)
Binding Specificity:	AA 222-272
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-Prohibitin Antibody, Affinity Purified
Immunogen:	between AA 222 and 272
Isotype:	IgG
Predicted Reactivity:	Mouse,Rat,Bovine
Purification:	Affinity Purified

Target Details

Target:	Prohibitin (PHB)
Alternative Name:	Prohibitin (PHB Products)
Background:	Background: Prohibitin (PHB) has been identified as a tumor suppressor protein that can

Target Details

repress E2F-mediated transcription and arrest cell cycle progression. It has recently been shown to associate with members of the minichromosome maintenance complex such as MCM2, MCM5, and MCM7 and therefore is thought to impart its growth inhibitory effects via association with the replication machinery. Prohibitin is also implicated in regulating mitochondrial respiration and playing a role in aging.

Gene ID:	5245
NCBI Accession:	NP_002625
UniProt:	P35232
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling

Application Details

Application Notes:	IHC: 1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: Not recommended WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	Tris-buffered Saline containing 0.1 % BSA and 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:	4 °C
Expiry Date:	12 months