

Datasheet for ABIN389161

anti-Prohibitin antibody (C-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	400 µL
Target:	Prohibitin (PHB)
Binding Specificity:	AA 182-211, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Prohibitin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PHB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 182-211 amino acids from the C-terminal region of human PHB1.
Clone:	RB10627
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 (PHB)
Alternative Name:	PHB1 (PHB Products)

Target Details

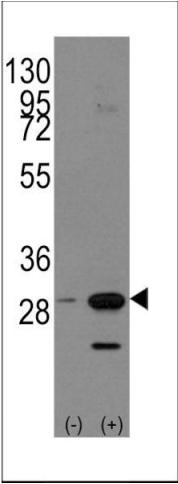
Background:	Prohibitin is an evolutionarily conserved protein that is ubiquitously expressed. It is thought to be a negative regulator of cell proliferation and may be a tumor suppressor. Mutations have been linked to sporadic breast cancer. Prohibitin is expressed as two transcripts with varying lengths of 3' untranslated region.
Molecular Weight:	29804
Gene ID:	5245
NCBI Accession:	NP_001268425 , NP_001268644 , NP_002625
UniProt:	P35232
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling

Application Details

Application Notes:	WB: 1:1000
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
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. Western blot analysis of PHB1 (arrow) using rabbit polyclonal PHB1 Antibody (Human C-term) (ABIN389161 and ABIN2839328). 293 cell lysates (2 μ g/lane) either nontransfected (Lane 1) or transiently transfected with the PHB1 gene (Lane 2) (Origene Technologies).