

Datasheet for ABIN3028945

anti-Prohibitin antibody (AA 182-211)[Go to Product page](#)**2** Images

Overview

Quantity:	0.4 mL
Target:	Prohibitin (PHB)
Binding Specificity:	AA 182-211
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Prohibitin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 182-211 from the human protein was used as the immunogen for this PHB antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat, Bovine
Purification:	Antigen affinity purified

Target Details

Target:	Prohibitin (PHB)
Alternative Name:	PHB (PHB Products)
Background:	Prohibitin is an evolutionarily conserved protein that is ubiquitously expressed. It is thought to

Target Details

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.

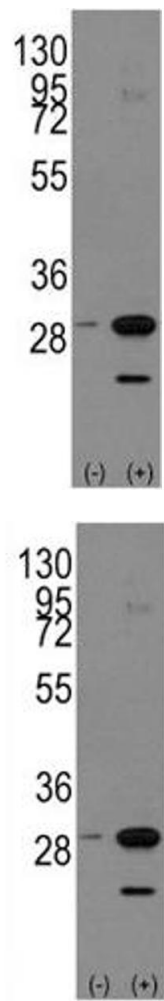
UniProt:	P35232
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling

Application Details

Application Notes:	Titration of the PHB antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. 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 PHB antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. Western blot analysis of PHB antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected with the PHB1 gene (2). Predicted molecular weight ~29 kDa.

Western Blotting

Image 2. Western blot analysis of PHB antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected with the PHB1 gene (2). Predicted molecular weight ~29 kDa.