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Datasheet for ABIN2780759 anti-PROP1 antibody (Middle Region)

2 Images



Overview

Quantity:	100 µL
Target:	PROP1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Horse, Pig, Cow, Rabbit, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PROP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

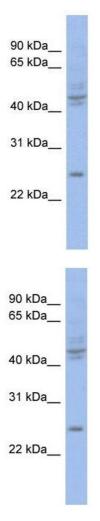
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PROP1
Sequence:	PSQPSTGGAF ALSHQSEDWY PTLHPAPAGH LPCPPPPPML PLSLEPSKSW
Predicted Reactivity:	Cow: 90%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 79%, Pig: 100%, Rabbit: 79%, Rat: 90%, Sheep: 90%
Characteristics:	This is a rabbit polyclonal antibody against PROP1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	PROP1

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Target Details	
Alternative Name:	PROP1 (PROP1 Products)
Background:	PROP1 has both DNA-binding and transcriptional activation ability. Its expression leads to ontogenesis of pituitary gonadotropes, as well as somatotropes, lactotropes, and caudomedial thyrotropes. Inactivating mutations in PROP1 result in deficiencies of Alias Symbols: CPHD2, PROP-1 Protein Interaction Partner: TLE1, CTNNB1, HESX1, PITX2, Protein Size: 226
Molecular Weight:	25 kDa
Gene ID:	5626
NCBI Accession:	NM_006261, NP_006252
UniProt:	075360
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 226 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.

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Western Blotting

Image 1. WB Suggested Anti-PROP1 Antibody Titration: 0.2-1 μg/mL ELISA Titer: 1:1562500 Positive Control: COLO205 cell lysate PROP1 is supported by BioGPS gene expression data to be expressed in COLO205

Western Blotting

Image 2. WB Suggested Anti-PROP1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: COLO205 cell lysate PROP1 is supported by BioGPS gene expression data to be expressed in COLO205

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