



Datasheet for ABIN2780759  
**anti-PROP1 antibody (Middle Region)**



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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 LPCPPPPMML 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

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Alternative Name:	PROP1 ( <a href="#">PROP1 Products</a> )
Background:	<p>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</p> <p>Alias Symbols: CPHD2, PROP-1</p> <p>Protein Interaction Partner: TLE1, CTNNB1, HESX1, PITX2,</p> <p>Protein Size: 226</p>
Molecular Weight:	25 kDa
Gene ID:	5626
NCBI Accession:	<a href="#">NM_006261</a> , <a href="#">NP_006252</a>
UniProt:	<a href="#">O75360</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 226 AA
Restrictions:	For Research Use only

## Handling

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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.



### 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 µg/ml ELISA Titer: 1:1562500 Positive Control: COLO205 cell lysate PROP1 is supported by BioGPS gene expression data to be expressed in COLO205