

PROP1 Rabbit pAb

Catalog No.: A16963

Basic Information

Observed MW

25kDa

Calculated MW

25kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Mouse

Background

This gene encodes a paired-like homeodomain transcription factor in the developing pituitary gland. Expression occurs prior to and is required for expression of pou domain transcription factor 1, which is responsible for pituitary development and hormone expression. Mutations in this gene have been associated with combined pituitary hormone deficiency-2 as well as deficiencies in luteinizing hormone, follicle-stimulating hormone, growth hormone, prolactin, and thyroid-stimulating hormone.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

5626

Swiss Prot

O75360

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 50-150 of human PROP1 (NP_006252.3).

Synonyms

CPHD2; PROP-1; PROP1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

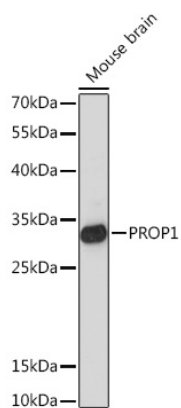
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from Mouse brain, using PROP1 Rabbit pAb (A16963) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 50s.