

Product datasheet

Anti-PROP1 antibody ab68065

1 Image

Overview

Product name	Anti-PROP1 antibody
Description	Mouse polyclonal to PROP1
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Full length protein, corresponding to amino acids 1-226 of Human PROP1
Positive control	PROP1 transfected mammalian cell lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Constituent: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab68065** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Detects a band of approximately 27 kDa (predicted molecular weight: 25 kDa).

Target

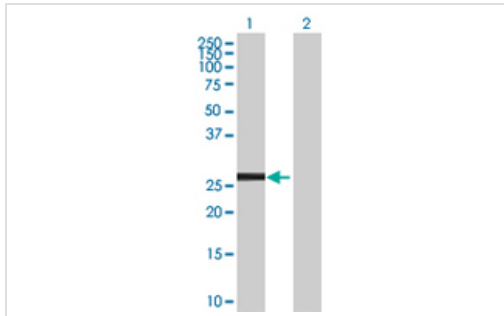
Relevance PROP1 belongs to the paired homeobox family. It contains one homeobox DNA-binding domain.

PROP1 is possibly involved in the ontogenesis of pituitary gonadotropes, as well as somatotropes, lactotropes and caudomedial thyrotropes. It is expressed specifically in embryonic pituitary. Defects in PROP1 are a cause of combined pituitary hormone deficiency (CPHD). This is characterized by impaired production of growth hormone (GH) and one or more of the other five anterior pituitary hormones.

Cellular localization

Nucleus

Images



Western blot - Anti-PROP1 antibody (ab68065)

All lanes : Anti-PROP1 antibody (ab68065) at 1/500 dilution

Lane 1 : PROP1 transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

Predicted band size: 25 kDa

Observed band size: 27 kDa

[why is the actual band size different from the predicted?](#)

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