

Product datasheet

Anti-PROP1 antibody ab68065

1 Image

Overview

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

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: Whole serum
<b>Purity</b>	Whole antiserum
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	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

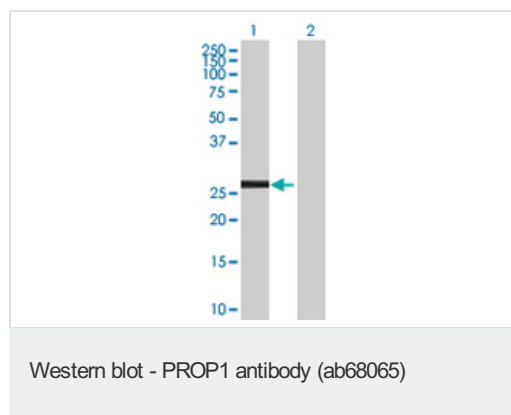
## Relevance

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



**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

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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