

For Research Use Only

# PROP1 Polyclonal antibody, PBS Only

Catalog Number:18739-1-PBS



## Basic Information

Catalog Number:

18739-1-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC069076

GeneID (NCBI):

5626

UNIPROT ID:

O75360

Full Name:

PROP paired-like homeobox 1

Calculated MW:

25 kDa

Observed MW:

25 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

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. Mutation of PROP1 will cause combined pituitary hormone deficiency (CPHD) which is characterized by impaired production of growth hormone (GH) and one or more of the other five anterior pituitary hormones.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

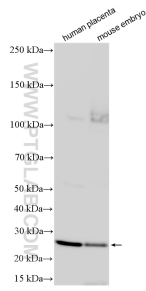
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

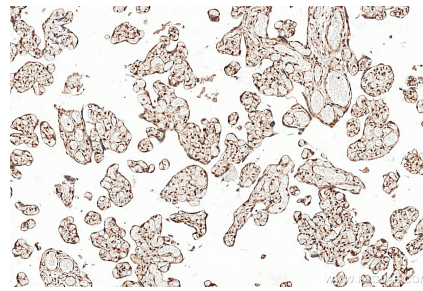
W: [ptgcn.com](http://ptgcn.com)

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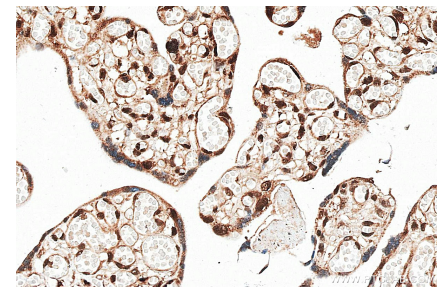
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 18739-1-AP (PROP1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 18739-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 18739-1-AP (PROP1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 18739-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 18739-1-AP (PROP1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 18739-1-PBS in a different storage buffer formulation.