

PLEKHO1 Polyclonal antibody

Catalog Number: 24883-1-AP

Featured Product

6 Publications

Basic Information

Catalog Number:

24883-1-AP

Size:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19309

GenBank Accession Number:

BC010149

GeneID (NCBI):

51177

UNIPROT ID:

Q53GLO

Full Name:

pleckstrin homology domain
containing, family O member 1

Calculated MW:

409 aa, 46 kDa

Observed MW:

46 kDa, 90 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

Cited Species:

rat, mouse

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

WB : Jurkat cells, K-562 cells

IHC : mouse testis tissue,

Background Information

PLEKHO1, also named as CK2 interacting protein 1 or OC120, is a 409 amino acid protein, which contains one PH domain. PLEKHO1 Predominantly localizes to the plasma membrane. PLEKHO1 plays a role in the regulation of the actin cytoskeleton through its interactions with actin capping protein (CP). Catalog# 24883-1-AP recognizes 46 kDa and 90 kDa homodimer band.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|--------------|-----------|-----------------|-------------|
| Yi-Feng Yuan | 36304155 | Front Pharmacol | WB |
| Yinlong Zhao | 34211403 | Front Physiol | WB |
| Shukuan Ling | 29422872 | Front Physiol | WB |

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

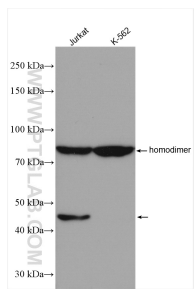
For technical support and original validation data for this product please contact:

T: 4006900926

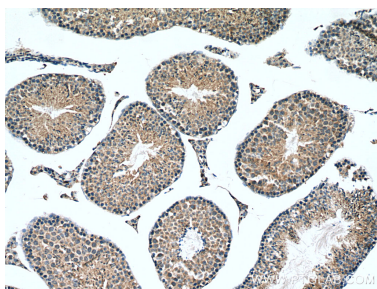
E: Proteintech-CN@ptglab.comW: ptgcn.com

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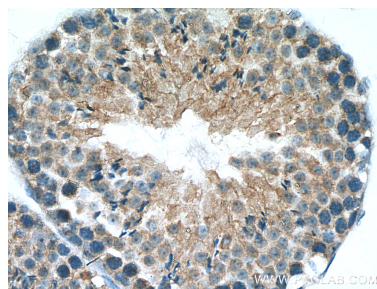
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24883-1-AP (PLEKHO1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 24883-1-AP (PLEKHO1 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 24883-1-AP (PLEKHO1 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).