

For Research Use Only

PLEKHO1 Polyclonal antibody

Catalog Number: 24883-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number:

24883-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 387 ug/ml by Bradford method using BSA as the standard;

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:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

Cited Species:

rat, mouse

Positive Controls:

WB: Jurkat cells, K-562 cells

IHC: mouse testis tissue,

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

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

*** 20ul sizes contain 0.1% BSA

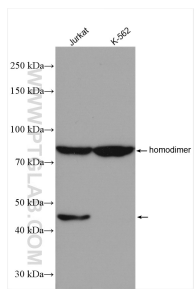
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

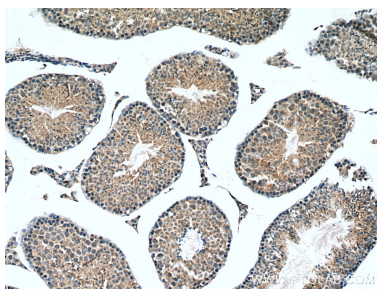
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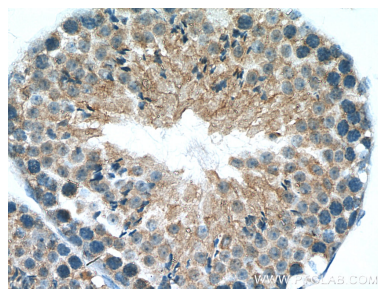
Selected Validation Data



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).