

For Research Use Only

PLEKHO1 Polyclonal antibody

Catalog Number: 24883-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number: 24883-1-AP	GenBank Accession Number: BC010149	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 700 µg/ml by Nanodrop and 387 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51177	Recommended Dilutions: WB 1:200-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: pleckstrin homology domain containing, family O member 1	
Isotype: IgG	Calculated MW: 409 aa, 46 kDa	
Immunogen Catalog Number: AG19309	Observed MW: 46 kDa, 90 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : Jurkat cells, K-562 cells IHC : mouse testis tissue,
Cited Applications: IHC, WB	
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

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

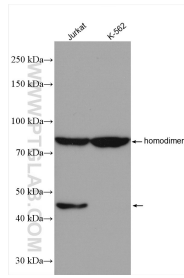
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

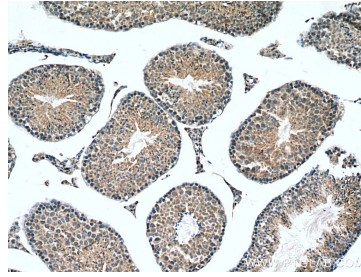
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

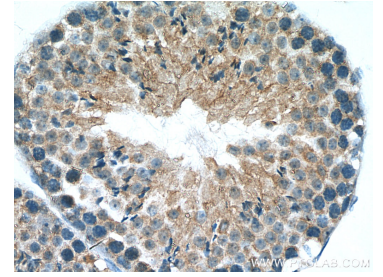
Selected Validation Data



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).