

For Research Use Only

MARVELD3 Polyclonal antibody

Catalog Number: 25667-1-AP

3 Publications



Basic Information

Catalog Number: 25667-1-AP	GenBank Accession Number: BC013376	Purification Method: Antigen affinity purification
Concentration: 900 µg/ml	GeneID (NCBI): 91862	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q96A59	IHC 1:500-1:2000
Isotype: IgG	Full Name: MARVEL domain containing 3	IF/ICC 1:50-1:500
Immunogen Catalog Number: AG22492	Calculated MW: 401 aa, 45 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : COLO 320 cells,
Cited Applications: WB	IHC : human kidney tissue,
Species Specificity: human	IF/ICC : Caco-2 cells,
Cited Species: human	
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

MARVELD3 (MARVEL domain-containing protein 3), a four-span transmembrane protein of about 40 kDa, is a tight junction-associated transmembrane protein of the occludin family (PMID: 20028514). MARVELD3 functions as a determinant of epithelial paracellular permeability properties. It has been reported that MARVELD3 couples tight junctions to the MEKK1-JNK pathway to regulate cell behavior and survival (PMID: 24567356).

Notable Publications

Author	Pubmed ID	Journal	Application
Ha-Young Park	36529213	Int J Biol Macromol	WB
Jinming Cao	39434056	Mol Med	WB
Ha-Young Park	36700348	FEBS Open Bio	WB

Storage

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

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

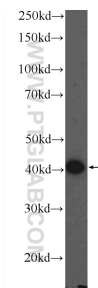
T: 4006900926

E: Proteintech-CN@ptglab.com

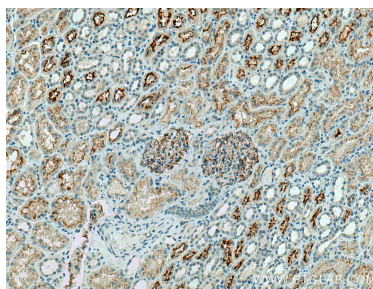
W: ptgcn.com

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

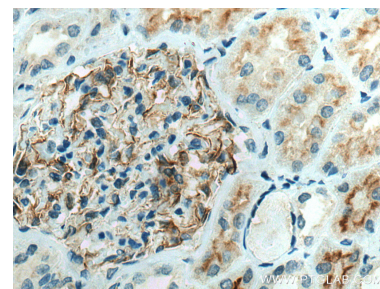
Selected Validation Data



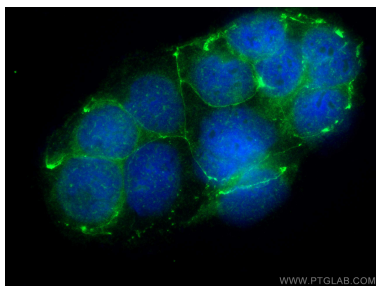
COLO 320 cells were subjected to SDS PAGE followed by western blot with 25667-1-AP (MARVELD3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 25667-1-AP (MARVELD3 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 25667-1-AP (MARVELD3 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed Caco-2 cells using MARVELD3 antibody (25667-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).