

For Research Use Only

RFTN1 Polyclonal antibody

Catalog Number: 24289-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

24289-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 320 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17264

GenBank Accession Number:

BC100667

GeneID (NCBI):

23180

UNIPROT ID:

Q14699

Full Name:

raftlin, lipid raft linker 1

Calculated MW:

578 aa, 63 kDa

Observed MW:

63-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:600

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IF, IP

Species Specificity:

human

Cited Species:

human, 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 : HeLa cells, Raji cells

IHC : human tonsillitis tissue, human spleen tissue

Background Information

Raftlin (RFTN1) was originally identified as a major raft protein with molecular mass of 63 kDa in B cells that colocalized with BCR in the lipid raft before and after BCR activation. RFTN1 possesses fatty acylation sites at the N terminus, it predominantly localizes in the cytoplasm in human epithelial cells and monocyte-derived DCs (Mo-DCs) (PMID: 27022195). Human RFTN1 protein estimated to be 63-70 kDa by SDS-PAGE, and this discrepancy may be due to the acidic nature of the protein, which has a calculated isoelectric point of 5.3 (PMID: 12805216).

Notable Publications

Author	Pubmed ID	Journal	Application
Chaowei Deng	35490655	Pathol Res Pract	WB
Asha L Bayliss	32274611	Angiogenesis	IF,IP
Max A Thorwald	36536382	Alzheimers Dement	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

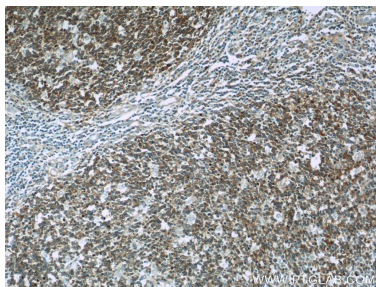
For technical support and original validation data for this product please contact:

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

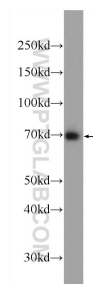
E: proteintech@ptglab.com
W: ptglab.com

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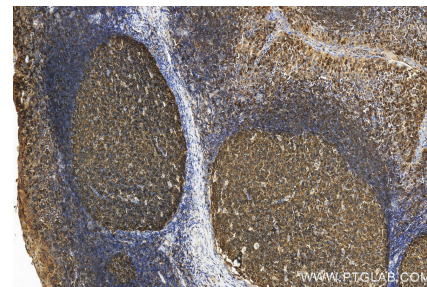
Selected Validation Data



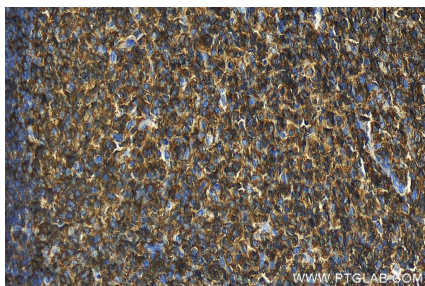
Immunohistochemical analysis of paraffin-embedded human tonsillitis slide using 24289-1-AP (RFTN1 Antibody) at dilution of 1:50 (under 10x lens).



HeLa cells were subjected to SDS PAGE followed by western blot with 24289-1-AP (RFTN1 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 24289-1-AP (RFTN1 antibody) at dilution of 1:600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 24289-1-AP (RFTN1 antibody) at dilution of 1:600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).