

For Research Use Only

Dematin Polyclonal antibody

Catalog Number: 16808-1-AP **2 Publications**



Basic Information

Catalog Number: 16808-1-AP	GenBank Accession Number: BC017445	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2039	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	Full Name: erythrocyte membrane protein band 4.9 (dematin)	
Isotype: IgG	Calculated MW: 405 aa, 46 kDa	
Immunogen Catalog Number: AG10300	Observed MW: 48-52 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : rat brain tissue, human red blood cells
Cited Applications: IF, IHC, WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

Background Information

Dematin (band 4.9) is a widely expressed cytoskeletal protein which regulates cell shape and cell migration. It is best known for its role within the red blood cell (RBC), where it has been localized to the spectrin-actin junctions of RBC membrane. Dematin has a 48 kDa subunit containing a headpiece domain and a 52 kDa subunit.

Notable Publications

Author	Pubmed ID	Journal	Application
Yashuang Yang	36385596	Front Med	WB
Mengying Wang	35561787	Exp Cell Res	WB,IHC,IF

Storage

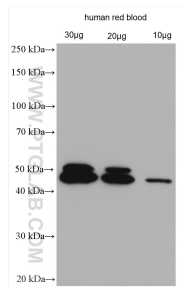
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

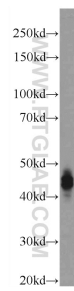
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



human red blood cells were subjected to SDS PAGE followed by western blot with 16808-1-AP (Dematin antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



rat brain tissue were subjected to SDS PAGE followed by western blot with 16808-1-AP (Dematin antibody at dilution of 1:300 incubated at room temperature for 1.5 hours.