

For Research Use Only

CD2AP Polyclonal antibody

Catalog Number: 32089-1-AP



Basic Information

Catalog Number: 32089-1-AP	GenBank Accession Number: NM_012120.2	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 450 ug/ml by Nanodrop;	GeneID (NCBI): 23607	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q9Y5K6	
Isotype: IgG	Full Name: CD2-associated protein	
Immunogen Catalog Number: AG36919	Calculated MW: 71 kDa 639aa	
	Observed MW: 71 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : A431 cells, mouse testis tissue, Daudi cells, Jurkat cells, K-562 cells, rat testis tissue
	IF/ICC : HepG2 cells,

Background Information

CD2 associated protein (CD2AP, also known as CMS) is a scaffolding molecule that acts as an adapter protein between membrane proteins and the actin cytoskeleton (PMID: 10339567). CD2AP also plays a role in epithelial cell junction formation and affects the pathogenesis of Alzheimer's disease (PMID: 22891260; 31440393). Its mutations are associated with sporadic nephrotic syndrome and focal segmental glomerulosclerosis (FSGS) (PMID: 17713465; 19131354).

Storage

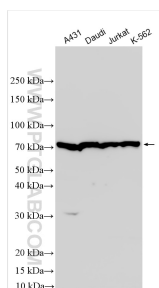
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

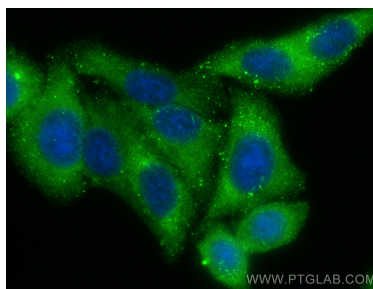
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32089-1-AP (CD2AP antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using Cd2ap antibody (32089-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).