

For Research Use Only

CD2AP Polyclonal antibody

Catalog Number: 32089-1-AP



Basic Information

Catalog Number:

32089-1-AP

Size:

450 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36919

GenBank Accession Number:

NM_012120.2

GeneID (NCBI):

23607

UNIPROT ID:

Q9Y5K6

Full Name:

CD2-associated protein

Calculated MW:

71 kDa, 639aa

Observed MW:

71 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

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

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

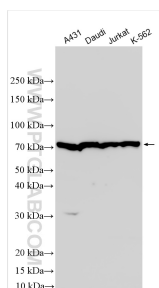
T: 4006900926

E: Proteintech-CN@ptglab.com

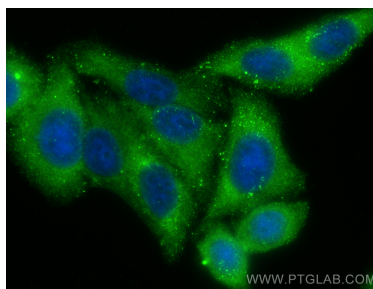
W: ptgcn.com

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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).