

For Research Use Only

DSCAML1 Polyclonal antibody

Catalog Number: 32634-1-AP



Basic Information

Catalog Number:

32634-1-AP

Concentration:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36336

GenBank Accession Number:

NM_020693

GeneID (NCBI):

57453

UNIPROT ID:

Q8TD84

Full Name:

Down syndrome cell adhesion molecule like 1

Calculated MW:

224 kDa

Observed MW:

224 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : 769-P cells, 786-O cells, Caki-1 cells, Caki-2 cells

Background Information

Down syndrome cell adhesion molecule-like protein 1 (DSCAML1) is a transmembrane protein with ten immunoglobulin (Ig) and six fibronectin type III domains (PMID: 11453658). It is involved in neuronal cell adhesion and plays a crucial role in the development and function of the nervous system. DSCAML1 has been shown to participate in neuronal tiling, avoidance of neurite fasciculation, and axon guidance (PMID: 18216855; 21029858). Additionally, DSCAML1 is required for the proper placement of GABAergic neurons in the entorhinal cortex (ECx) and suppression of seizure susceptibility in rodents (PMID: 33256836).

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:

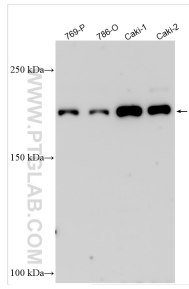
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32634-1-AP (DSCAML1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.