

For Research Use Only

DSCAML1 Polyclonal antibody

Catalog Number: 32634-1-AP



Basic Information

Catalog Number: 32634-1-AP	GenBank Accession Number: NM_020693	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop;	GeneID (NCBI): 57453	Recommended Dilutions: WB: 1:500-1:3000
Source: Rabbit	UNIPROT ID: Q8TD84	
Isotype: IgG	Full Name: Down syndrome cell adhesion molecule like 1	
Immunogen Catalog Number: AG36336	Calculated MW: 224 kDa	
	Observed MW: 224 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : 769-P cells, 786-O cells, Caki-1 cells, Caki-2 cells
Species Specificity: human	

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, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

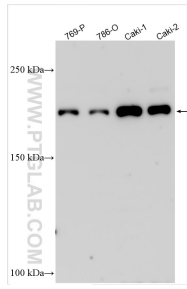
For technical support and original validation data for this product please contact:

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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.