

For Research Use Only

DSCAML1 Polyclonal antibody, PBS Only

Catalog Number: 32634-1-PBS



Basic Information

Catalog Number:

32634-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

Storage Buffer:

PBS only

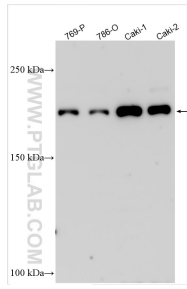
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 32634-1-PBS in a different storage buffer formulation.