10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DSCAML1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55572

Specification

DSCAML1 Polyclonal Antibody - Product Information

Application	**IHC-P, IHC-F, IF, ICC, E**
Primary Accession	Q8TD84
Reactivity	**Rat, Pig, Dog, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**224463**

DSCAML1 Polyclonal Antibody - Additional Information

Gene ID 57453

Other Names
Down syndrome cell adhesion molecule-like protein 1, Down syndrome cell adhesion molecule 2, DSCAML1, DSCAM2, KIAA1132 {ECO:0000303|PubMed:10574461}

Dilution
IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ℃.

DSCAML1 Polyclonal Antibody - Protein Information

Name DSCAML1

Synonyms DSCAM2, KIAA1132 {ECO:0000303|PubMed:105

Function
Cell adhesion molecule that plays a role in neuronal self- avoidance (PubMed:11453658). Promotes repulsion between specific neuronal processes of either the same cell or the same subtype of cells. Promotes both isoneuronal self-avoidance for creating an orderly neurite arborization in retinal rod bipolar cells and heteroneuronal self-avoidance to maintain mosaic spacing between AII amacrine cells (By similarity). Adhesion molecule that promotes lamina-specific synaptic connections in the retina: expressed in specific subsets of interneurons and retinal ganglion cells (RGCs) and

promotes synaptic connectivity via homophilic interactions (By similarity).

Cellular Location
Cell membrane; Single-pass type I membrane protein. Synapse {ECO:0000250|UniProtKB:E1C8P7}

Tissue Location
Detected in heart, liver, pancreas, skeletal muscle, kidney and in brain, in particular in the amygdala, caudate nucleus, corpus callosum, hippocampus, substantia nigra, thalamus and subthalamus.

DSCAML1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DSCAML1 Polyclonal Antibody - Images