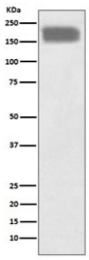
NCAM1 Antibody / CD56 [clone AOGF-14] (RQ5405)

Catalog No.	Formulation	Size
RQ5405	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AOGF-14
Purity	Affinity purified
UniProt	P13591
Applications	Western blot: 1:1000-1:5000
Limitations	This NCAM1 antibody is available for research use only.



Western blot testing of human SH-SY5Y cell lysate with NCAM1 antibody. Predicted molecular weight: ~110 kDa (soluble fragment), ~120/125 kDa (GPI-anchored), 140/180 kDa (transmembrane isoforms).

Description

The NCAM1 gene encodes a cell adhesion protein which is a member of the immunoglobulin superfamily. The encoded protein is involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. The encoded protein has been shown to be involved in development of the nervous system, and for cells involved in the expansion of T cells and dendritic cells which play an important role in immune surveillance. Alternative splicing results in multiple transcript variants. [RefSeq]

For additional information on NCAM1/CD56 and its roles in neural cell adhesion, neuronal development, and cell

signaling, see our NCAM1 Antibody / Neural Cell Adhesion Molecule 1 Antibody page.

Application Notes

Optimal dilution of the NCAM1 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human NCAM1 was used as the immunogen for the NCAM1 antibody.

Storage

Store the NCAM1 antibody at -20oC.

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