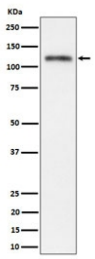
SEMA4D Antibody / Semaphorin 4D [clone 28S26] (RQ8289)

Catalog No.	Formulation	Size
RQ8289	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	28S26
Purity	Affinity chromatography
UniProt	Q92854
Applications	Western blot: 1:500-1:2000
Limitations	This SEMA4D antibody is available for research use only.



Western blot testing of human SH-SY5Y cell lysate with SEMA4D antibody. Predicted molecular weight ~96 kDa, may be observed at higher molecular weights due to glycosylation.

Description

Semaphorin 4D (Sema 4D) is an axon guidance molecule which is secreted by oligodendrocytes and induces growth cone collapse in the central nervous system. By binding plexin B1 receptor it functions as an R-Ras GTPase-activating protein (GAP) and repels axon growth cones in both the mature central nervous system. [Wiki]

Application Notes

Optimal dilution of the SEMA4D antibody should be determined by the researcher.

Immunogen

A synthetic peptide derived from human Semaphorin 4D was used as the immunogen for the SEMA4D antibody.

Storage

Store the SEMA4D antibody at -20oC.

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