

SEMA6D Rabbit Polyclonal Antibody

Catalog No: #29278

Package Size: #29278-1 50ul #29278-2 100ul

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Description

Product Name	SEMA6D Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Ms
Immunogen Description	Recombinant fusion protein of human SEMA6D (NP_705871.1).
Other Names	SEMA6D
Accession No.	Swiss-Prot#:Q8NFY4NCBI Gene ID:80031
Calculated MW	54kDa/67kDa/111-119kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB □ 1:500 - 1:2000

Background

Semaphorins are a large family, including both secreted and membrane associated proteins, many of which have been implicated as inhibitors or chemorepellents in axon pathfinding, fasciculation and branching, and target selection. All semaphorins possess a semaphorin (Sema) domain and a PSI domain (found in plexins, semaphorins and integrins) in the N-terminal extracellular portion. Additional sequence motifs C-terminal to the semaphorin domain allow classification into distinct subfamilies. Results demonstrate that transmembrane semaphorins, like the secreted ones, can act as repulsive axon guidance cues. This gene encodes a class 6 vertebrate transmembrane semaphorin that demonstrates alternative splicing. Several transcript variants have been identified and expression of the distinct encoded isoforms is thought to be regulated in a tissue- and development-dependent manner.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.