

轴突导向因子 SEMA6D 抗体

产品货号： mlR2943

英文名称： SEMA6D

中文名称： 轴突导向因子 SEMA6D 抗体

别名： SEM6D_HUMAN; KIAA1479; Q8NFY4; Sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D; Semaphorin 6D.

研究领域： 肿瘤 细胞生物 发育生物学 神经生物学 细胞周期蛋白 细胞粘附分子 细胞分化

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量：118kDa

细胞定位：细胞浆 细胞膜

性状：Lyophilized or Liquid

浓度：1mg/ml

免疫原：KLH conjugated synthetic peptide derived from human SEMA6D:801-900/1073

亚型：IgG

纯化方法：affinity purified by Protein A

储存液：0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件：Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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 °C.

PubMed：PubMed

产品介绍：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. [provided by RefSeq, Nov 2010]

Function:

Shows growth cone collapsing activity on dorsal root ganglion (DRG) neurons in vitro. May be a stop signal for the DRG neurons in their target areas, and possibly also for other neurons. May also be involved in the maintenance and remodeling of neuronal connections.

Subcellular Location:

Isoform 1: Cell membrane; Single-pass type I membrane protein.

Isoform 2: Cell membrane; Single-pass type I membrane protein.

Isoform 3: Cell membrane; Single-pass type I membrane protein.

Isoform 4: Cell membrane; Single-pass type I membrane protein.

Isoform 5: Cell membrane; Single-pass type I membrane protein.

Isoform 7: Cytoplasm.

Similarity:

Belongs to the semaphorin family.

Contains 1 PSI domain.

Contains 1 Sema domain.

SWISS:

Q8NFY4

Gene ID:

80031

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

