

DNAxPAb

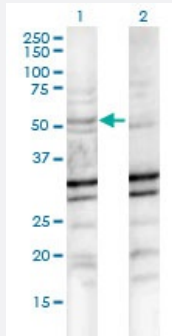
Hard-to-Find
Antibody

SEMA6D DNAxPab

Catalog # H00080031-W01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of SEMA6D expression in transfected 293T cell line by SEMA6D DNAxPab polyclonal antibody.

Lane 1: SEMA6D transfected lysate(71.28 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a partial-length human SEMA6D DNA using DNAx™ Immune technology.

Technology

[DNAx™ Immune](#)

Immunogen

SEMA6D (NP_079242.2, 21 a.a. ~ 476 a.a) partial-length human DNA

Sequence

VSPEDDEPLNTVDYHYSRQYPVFRGRPSGNESQHRLDFQLMLKIRDLYAGRDQVYTVNLNEM
PKTEVIPNKKLTWRSRQQDRENCAMKGKHKDECHNFIKVFVPRNDEMVFVCGTNAFNPMCRY
RLSTLEYDGEEISGLARCPFDARQTNVALFADGKLYSATVADFLASDAVYRSMGDGSALRTIKYD
SKWIKEPHFLHAIEYGNVYFFREIAVEHNNLGKAVYSRVARICKNDMGGSQRVLEKHWTSLKA
RLNCSVPGDSFFYFDVLQSIDDIQINGIPTVVGVFTTQLNSIPGSAVCAFSMDIEKVFKGRFKEQK
TPDSVWTVAPEDKVPKPRPGCCAKHGLAEAYKTSIDFPDETLSFIKSHPLMDSAVPPIADEPWFT
KTRVRYRLTAISVDHSAGPYQNYTVIFVGSEAGMVLKVLAKTSPFSLNDSVLLLEEIEAYNHAK

Host

Rabbit

Reactivity

Human

Purification

Protein A

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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- Western Blot (Transfected lysate)

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[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — SEMA6D

Entrez GeneID[80031](#)**GeneBank Accession#**[NM_024966.2](#)**Protein Accession#**[NP_079242.2](#)**Gene Name**

SEMA6D

Gene Alias

FLJ11598, KIAA1479

Gene Description

sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D

Omim ID[609295](#)**Gene Ontology**[Hyperlink](#)

Gene Summary

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. Six 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]

Other Designations

semaphorin 6D

Pathway

- [Axon guidance](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)