

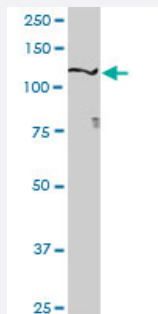
MaxPab®

SEMA6D purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00080031-D01P

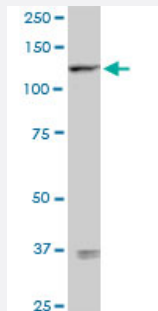
Size 100 ug

Applications



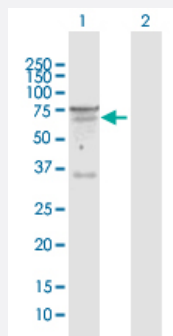
Western Blot (Tissue lysate)

SEMA6D MaxPab rabbit polyclonal antibody. Western Blot analysis of SEMA6D expression in mouse lung.



Western Blot (Cell lysate)

SEMA6D MaxPab rabbit polyclonal antibody. Western Blot analysis of SEMA6D expression in Jurkat.



Western Blot (Transfected lysate)

Western Blot analysis of SEMA6D expression in transfected 293T cell line ([H00080031-T02](#)) by SEMA6D MaxPab polyclonal antibody.

Lane 1: SEMA6D transfected lysate(54.20 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human SEMA6D protein.

Immunogen	SEMA6D (NP_079242.2, 1 a.a. ~ 476 a.a) full-length human protein.
Sequence	MRVFLLCAYILLLMVSQLRAVSFPEDEPLNTVDYHYSRQYPVFRGRPSGNESQHRLDFQLMLKI RDTLYIAGRDQVYTVNLNEMPKTEVIPNKKLTWRSRQQDRENCAMKGKHKDECHNFIKVFVPRND EMVFVCGTNAFNPMCRYRLSTLEYDGEEISGLARCPFDARQTNVALFADGKLYSATVADFLASD AVIYRSMGDGSALRTIKYDSKWIKEPHFLHAIEYGNVYVFFFREIAVEHNNLGKAVYSRVARICKNDM GGSQRVLEKHWTSTFLKARLNCSVPGDSFFYFDVLQSIDIIQINGIPTVVGVFTTQLNSIPGSVCAV SMDDIEKVFKGRFKEQKTPDSVWTAVPEDKVPKPRPGCCAKHGLAEAYKTSIDFPDETLSFIKSH PLMDSAVPPIADEPWFTKTRVRYRLTAISVDHSAGPYQNYTVIFVGSEAGMVLKVLAKTSPFSLND SVLLEEIEAYNHAK
Host	Rabbit
Reactivity	Human, Mouse
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.

Applications

- Western Blot (Tissue lysate)

SEMA6D MaxPab rabbit polyclonal antibody. Western Blot analysis of SEMA6D expression in mouse lung.

[Protocol Download](#)

- Western Blot (Cell lysate)

SEMA6D MaxPab rabbit polyclonal antibody. Western Blot analysis of SEMA6D expression in Jurkat.

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- Western Blot (Transfected lysate)

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[Protocol Download](#)

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](#)