

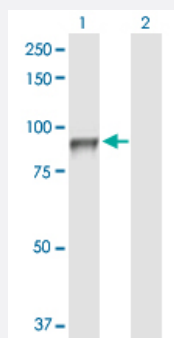
MaxPab®

SEMA4A purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00064218-D01P

Size 100 ug

Applications

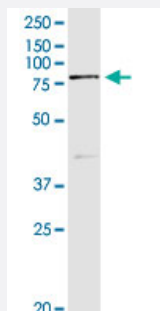


Western Blot (Transfected lysate)

Western Blot analysis of SEMA4A expression in transfected 293T cell line ([H00064218-T02](#)) by SEMA4A MaxPab polyclonal antibody.

Lane 1: SEMA4A transfected lysate (83.60 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of SEMA4A transfected lysate using anti-SEMA4A purified MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with SEMA4A purified MaxPab mouse polyclonal antibody (B01P) ([H00064218-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human SEMA4A protein.

Immunogen

SEMA4A (NP_071762.2, 1 a.a. ~ 761 a.a) full-length human protein.

Sequence	MALPALGLDPWSLLGLFLFQLLQLLLPTTTAGGGGQGMPRVRYAGDERRALSFFHQKGLQDF DTLLSGDGNTLYVGAREAILALDIQDPGVPRLKNMIPWPASDRKKSECAFKKKSNETQCFNFIRV LVSYNVTHLYTCGTFAFSPACTFIELQDSYLLPISEDKVMEGKGQSPFDPAHKHTAVLVDGMLYSG TMNNFLGSEPILMRTLGSQPVLKTDNFLRWLHHDA SFVAAIPSTQVVYFFFEETASEFDFFERLHT SRVARVCKNDVGGEKLLQKKWTTFLKAQLLCTQPGQLPFNVIRHAVLLPADSPTAPHIYAVFTSQ WQVGGRSSAVCAFSLLDIERVFKGKYKELNKETSRWTTYRGPETNPRPGSCSVGPSSDKALTF MKDHFLMDEQVVGTPLLVKSGVEYTRLAVETAQGLDGHSHLVMYLGTTTGS LHKAVVSGDSSAH LVEEIQLFPDPEPVRNLQLAPTQGA VFGVSGGVWRVPRANCSVYESCVDCVLARDPHCAWDP ESRTCCLLSAPNLNSWKQDMERGNPEWACASGPMRSRLRPQSRPQIIKEVLAVPNSILELPCPH LSALASYWWSHGPAAVPEASSTVYNGSLLLIVQDGVGGLYQCWATENGFSYPVISYWVDSQDQTL ALDPELAGIPREHVKVPLTRVSGGAALAAQQSYWPHFVTVTVLFALVLSGALILVASPLRALRAR GKVQGCETLRPGEKAPLSREQHLQSPKECRTSASDVDADNNCLGTEVA
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (83)
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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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — SEMA4A

Entrez GeneID [64218](#)

GeneBank Accession#	NM_022367
Protein Accession#	NP_071762.2
Gene Name	SEMA4A
Gene Alias	CORD10, FLJ12287, RP35, SEMAB, SEMB
Gene Description	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A
Omim ID	607292 610282 610283
Gene Ontology	Hyperlink
Gene Summary	SEMA4A is a member of the semaphorin family of soluble and transmembrane proteins. Semaphorins are involved in guidance of axonal migration during neuronal development and in immune responses.[supplied by OMIM]
Other Designations	OTTHUMP00000015916 OTTHUMP00000015917 OTTHUMP00000015918 sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, 4A semaphorin B

Pathway

- [Axon guidance](#)

Disease

- [Retinal Diseases](#)