

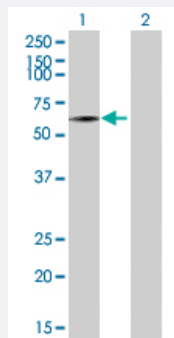
MaxPab®

SEMA3B purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00007869-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of SEMA3B expression in transfected 293T cell line ([H00007869-T02](#)) by SEMA3B MaxPab polyclonal antibody.

Lane 1: SEMA3B transfected lysate(70.70 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SEMA3B protein.
Immunogen	SEMA3B (AAH09113.1, 1 a.a. ~ 635 a.a) full-length human protein.
Sequence	MNFVKLLHAYNRTHLLACGTGAFHPTCAFVEVGHRAEEPVLRLDPGRIEDGKGKSPYDPRHRAA SVLVGEELYSOVAADLMGRDFTIFRSLGQRPSLRTEPHDSRWLNPKFVKVFWIPESENPDDDKI YFFRETAVEAAPALGRLSVSRVGQICRNDVGGQSRSLVNKWTTFLKARLVCSVPGVEGDTHFDQ LQDVFLSSRDHRTPLLYAVFSTSSIFQGSAVCVYSMNDRRAFLGPFHKEGPMHQWVSQGR VPYPRPGMCPSKTFGTFSSTKDFPDDVIQFARNHPLMYNSVLPTGGRPLFLQVGANYTFTQIAAD RVAADGHDVLFIGTDVGTVLKVISVPKGSRPSAEGLLLEELHVFEDSAAVTSMQISSKRHQLYV ASRSVAQIALHRCAAHGRVCTECCLARDPYCAWDGVACTRFQPSAKRRFRQDVRNGDPSTL CSGDSSRPALLEHKVFGVEGSSAFLECEPRSLQARVEWTFQRAGVTAHTQVLAERTERTARG LLLRLRRRDSGVYLCAAVEQGFTQPLRRLSLHVLSATQAERLARAEAAAPPAAPPGPKLWYRDF LQLVEPGGGGSANSLRMCRPQPALQSLPLESRRKGRNRRTHAPEPRAERGPRATHW
Host	Rabbit
Reactivity	Human
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](#)

Gene Info — SEMA3B

Entrez GeneID [7869](#)

GeneBank Accession# [BC009113.1](#)

Protein Accession# [AAH09113.1](#)

Gene Name SEMA3B

Gene Alias FLJ34863, LUCA-1, SEMA5, SEMAA, SemA, semaV

Gene Description sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3B

Omim ID [601281](#)

Gene Ontology [Hyperlink](#)

Gene Summary The semaphorin/collapsin family of molecules plays a critical role in the guidance of growth cones during neuronal development. The secreted protein encoded by this gene family member is important in axonal guidance and has been shown to act as a tumor suppressor by inducing apoptosis. [provided by RefSeq]

Other Designations semaphorin 3B|semaphorin A|semaphorin V

Pathway

- [Axon guidance](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Schizophrenia](#)