

DNAxPAb

Hard-to-Find
Antibody

SEMA4A DNAxPab

Catalog # H00064218-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human SEMA4A DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MALPALGLDPWSLLGLFLFQLQLLLPTTTAGGGGQGMPRVRYAGDERRALSFFHQKGLQDF
DTLLSGDGNTLYVGAREAILALDIQDPGVPRLLKNMIPWPASDRKKSECAFKKKSNETQCFNFIRV
LVSYNVTHLYTCGTFAFSPACTFIELQDSYLLPISEDKVMEGKGQSPFDPAHKHTAVLVDGMLYSG
TMNNFLGSEPILMRTLGSQPVLKTDNFLRWLHHDAFVAIPSTQVVYFFFEETASEFDFFERLHT
SRVARVCKNDVGGEKLLQKKWTTFLKAQLLCTQPGQLPFNVIRHAVLLPADSPTAPHIYAVFTSQ
WQVGGRSSAVCAFSLLDIERVFKGKYKELNKETSRWTTYRGPETNPRPGSCSVGPSSDKALTF
MKDHFLMDEQVVGTPLLVKSVEYTRLAVETAQGLDGHSHLVMYLGTGSLHKAVVSGDSSAH
LVEEIQLFDPPEPVRNLQLAPTQGAFFVGFSGGVWRVPRANCSVYESCVDCVLARDPHCAWDP
ESRTCCLLSAPNLNSWKQDMERGNPEWACASGPMRSRLRPQSRPQIIKEVLAVPNSILELPCPH
LSALASYWWSHGPAAVPEASSTVYNGSLLLIVQDGVGGLYQCWATENGFSYPVISYWVDSQDQTL
ALDPELAGIPREHVKVPLTRVSGGAALAAQQSYWPHFVTVTVLFALVLSGALILVASPLRALRAR
GKVQGCETLRPGEKAPLSREQHLQSPKECRTSASDVDADNNCLGTEVA

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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — SEMA4A

Entrez GeneID [64218](#)

GeneBank Accession# [NM_022367.2](#)

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](#)