

DNAxPAb

Hard-to-Find
Antibody

SEMA4G DNAxPab

Catalog # H00057715-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SEMA4G DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MGSMSPPSAWPCVLDGPETRDLCQPPKPCVHSHAHMEECLSAGLQCPHPHLLLVHSCFIPAS GLGVPSQLPHPMWSSSPAPCGDLFVKSLGTGQPGEVRLHHSPPLPSCVALVNQPPHSPWSFSR V
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 — SEMA4G

Entrez GeneID	57715
GeneBank Accession#	BC020960.1
Protein Accession#	AAH20960.1
Gene Name	SEMA4G
Gene Alias	FLJ20590, KIAA1619, MGC102867
Gene Description	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4G
Gene Ontology	Hyperlink
Gene Summary	Semaphorins are a large family of conserved secreted and membrane associated proteins which possess a semaphorin (Sema) domain and a PSI domain (found in plexins, semaphorins and integrins) in the N-terminal extracellular portion. Based on sequence and structural similarities, semaphorins are put into eight classes: invertebrates contain classes 1 and 2, viruses have class V, and vertebrates contain classes 3-7. Semaphorins serve as axon guidance ligands via multimeric receptor complexes, some (if not all) containing plexin proteins. This gene encodes a class 4 semaphorin. This gene and the gene for mitochondrial ribosomal protein L43 overlap at map location 10q24.31 and are transcribed in opposite directions. [provided by RefSeq]
Other Designations	OTTHUMP00000020312 semaphorin 4G

Pathway

- [Axon guidance](#)

Disease

- [Alzheimer Disease](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Neoplasms](#)