



# Rabbit Anti-Human SEMA5B Polyclonal Antibody (DPABH-18477)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 800-980 of human SEMA5B (NP_001243276.1).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	50 µl, 100 µl
<b>Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.

## BACKGROUND

<b>Introduction</b>	This gene encodes a member of the semaphorin protein family which regulates axon growth during development of the nervous system. The encoded protein has a characteristic Sema domain near the N-terminus, through which semaphorins bind to plexin, and five
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thrombospondin type 1 repeats in the C-terminal region of the protein. The protein product may be cleaved and exist as a secreted molecule (PMID: 19463192). Multiple transcript variants encoding different isoforms have been found for this gene.

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<b>Keywords</b>	SEMA5B; sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5B; SemG; SEMAG; semaphorin-5B;
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## GENE INFORMATION

Entrez Gene ID [54437](#)

UniProt ID [Q9P283](#)