



Human SEMA3E blocking peptide (CDBP2632)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Semaphorin 3E (internal) antibody
Antigen Description	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 encodes a class 3 semaphorin. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, May 2010]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	SEMA3E sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3E [Homo sapiens]
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Official Symbol	SEMA3E
Synonyms	SEMA3E; sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3E; SEMAH; semaphorin-3E; coll 5; KIAA0331; M sema H; M SemaK; coll-5; M-SEMAH; M-SemaK;
Entrez Gene ID	9723
mRNA Refseq	NM_001178129
Protein Refseq	NP_001171600
UniProt ID	O15041
Chromosome Location	7q21.11
Pathway	Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Other semaphorin interactions, organism-specific biosystem; Semaphorin interactions, organism-specific biosystem;
Function	receptor activity;