

SEMA3E Semaphorin 3E Antibody

Catalog No: #C01239

Package Size: #C01239-1 50ul #C01239-2 100u

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Description

Product Name	SEMA3E Semaphorin 3E Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human SEMA3E Semaphorin 3E
Target Name	SEMA3E Semaphorin 3E
Other Names	Coll 5; Coll5; KIAA0331; M sema H; M SEMAH; M SemaK; Msema H; MSEMAH; MSemaK; SEM3E_HUMAN; Sema domain immunoglobulin domain Ig; Sema domain immunoglobulin domain Ig short basic domain secreted 3E; Sema domain, immunoglobulin domain Ig, short basic domain, secreted, semaphorin 3E; SEMA3E; SEMAH; Sem
Concentration	1mg ml
Formulation	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB □ 1:500-2000

Background

Semaphorins are a family of cell surface and secreted proteins involved in neural development that are conserved from insects to humans. Members of this family are approximately 750 amino acids in length (including signal sequences) and are defined by a conserved extracellular α semaphorin domain of approximately 500 amino acids containing 14-16 cysteines, blocks of conserved sequences and no obvious repeats. The transmembrane semaphorins are characterized by an additional 80 amino acid transmembrane domain and an 80-110 amino acid cytoplasmic domain. Secreted and cell-bound semaphorins chemically attract and repel the growth of neural axons, guiding the development of intricate networks of neural tissue. SEMA3E is a secreted semaphorin with 775 amino acids. Mutations in the SEMA3E gene are associated with CHARGE syndrome, a disorder characterized by cranial nerve dysfunction, coloboma of the eye, choanal atresia, inner and external ear abnormalities, cardiac anomalies, genitourinary abnormalities, and growth retardation.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.