

Product Information

Product SKU:	CAB22204	Gene ID:	10371	Size:	20uL, 100uL
Clone No:	ARC56474	Host Species:	Rabbit	Reactivity:	Human,Mouse

Additional Information

Observed MW:	95kDa	Conjugate:	Unconjugated
Calculated MW:	89kDa	Isotype:	IgG

Immunogen Information

Background:	This gene is a member of the semaphorin family and encodes a protein with an Ig-like C2-type (immunoglobulin-like) domain, a PSI domain and a Sema domain. This secreted protein can function as either a chemorepulsive agent, inhibiting axonal outgrowth, or as a chemoattractive agent, stimulating the growth of apical dendrites. In both cases, the protein is vital for normal neuronal pattern development. Increased expression of this protein is associated with schizophrenia and is seen in a variety of human tumor cell lines. Also, aberrant release of this protein is associated with the progression of Alzheimer's disease.
Recommended Dilution:	WB,1:2000 - 1:20000
Synonyms:	HH16; SemD; COLL1; SEMA1; SEMAD; SEMAL; coll-1; Hsema-I; SEMAIII; Hsema-III; Semaphorin 3A
Purification Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 582-771 of human Semaphorin 3A (NP_006071.1).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.