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## Product Information

<b>Product SKU:</b>	CAB12967	<b>Gene ID:</b>	10371	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Mouse,Rat

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## Additional Information

<b>Observed MW:</b>	89kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	89kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

<b>Background:</b>	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.
<b>Recommended Dilution:</b>	WB,1:500 - 1:1000
<b>Synonyms:</b>	HH16; SemD; COLL1; SEMA1; SEMAD; SEMAL; coll-1; Hsema-I; SEMAIII; Hsema-III; Semaphorin 3A
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	A synthetic peptide corresponding to a sequence within amino acids 300-400 of human Semaphorin 3A (NP_006071.1).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.