

Product datasheet for **TA306818**

SCAMP4 Rabbit Polyclonal Antibody

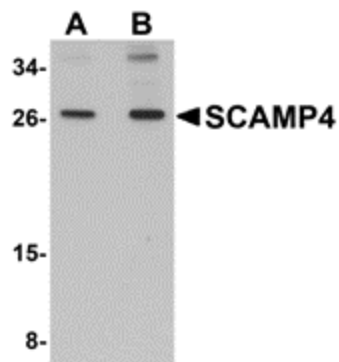
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 2.5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	SCAMP4 antibody was raised against a 15 amino acid peptide near the carboxy terminus of human SCAMP4.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	secretory carrier membrane protein 4
Database Link:	NP_524558 Entrez Gene 56214 Mouse Entrez Gene 65170 Rat Entrez Gene 113178 Human Q969E2
Background:	Secretory carrier membrane proteins (SCAMPs) are integral membrane proteins seen in secretory and endocytic carriers that are thought to play roles in membrane trafficking. One member of this family, SCAMP4, lacks the putative calcium binding and leucine zipper structures as well as the protein-protein interacting NPF domains common to most SCAMP family members. In rats, SCAMP4 mRNA is repressed by progesterone in brain regions associated with female sexual behavior. At least three isoforms of SCAMP4 are known to exist. This SCAMP4 antibody is predicted to not cross-react with any other member of the secretory carrier membrane protein family.
Synonyms:	SCAMP-4

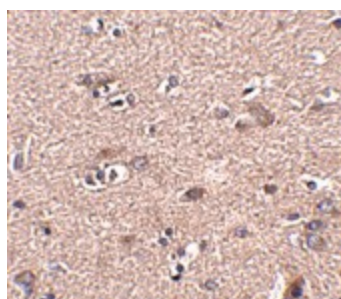


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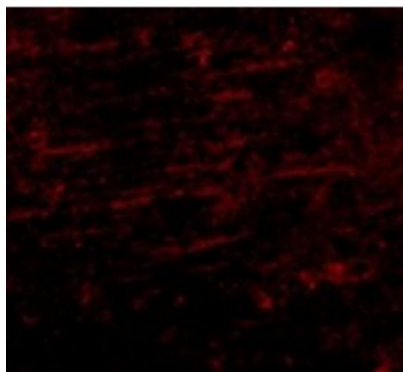
Product images:



Western blot analysis of SCAMP4 in 3T3 cell lysate with SCAMP4 antibody at (A) 1 and (B) 2 ug/ml.



Immunohistochemistry of SCAMP4 in human brain tissue with SCAMP4 antibody at 2.5 ug/ml.



Immunofluorescence of SCAMP4 in Human Brain cells with SCAMP4 antibody at 20 ug/mL.