

Datasheet for ABIN6991165
anti-SCAMP4 antibody (C-Term)



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Overview

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| Quantity: | 0.1 mg |
| Target: | SCAMP4 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SCAMP4 antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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| Immunogen: | SCAMP4 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human SCAMP4. The immunogen is located within the last 50 amino acids of SCAMP4. |
| Isotype: | IgG |
| Purification: | SCAMP4 Antibody is affinity chromatography purified via peptide column. |

Target Details

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| Target: | SCAMP4 |
| Alternative Name: | SCAMP4 (SCAMP4 Products) |
| Background: | SCAMP4 Antibody: Secretory carrier membrane proteins (SCAMPs) are integral membrane |

Target Details

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.

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| Gene ID: | 113178 |
| NCBI Accession: | NP_524558 |
| UniProt: | Q969E2 |

Application Details

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| Application Notes: | SCAMP4 antibody can be used for detection of SCAMP4 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in mouse samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | SCAMP4 Antibody is supplied in PBS containing 0.02 % sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C, 4 °C |
| Storage Comment: | SCAMP4 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |