

Datasheet for ABIN2783461

anti-ST8SIA4 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

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| Quantity: | 100 µL |
| Target: | ST8SIA4 |
| Binding Specificity: | Middle Region |
| Reactivity: | Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit, Guinea Pig |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ST8SIA4 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the middle region of human ST8SIA4 |
| Sequence: | DVGTKSDFIT MNPSVVQRAF GGFRNESDRE KFVHRLSMLN DSVLWIPAFM |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against ST8SIA4. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details

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| Target: | ST8SIA4 |
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Target Details

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| Alternative Name: | ST8SIA4 (ST8SIA4 Products) |
| Background: | <p>ST8SIA4 catalyzes the polycondensation of alpha-2,8-linked sialic acid required for the synthesis of polysialic acid, a modulator of the adhesive properties of neural cell adhesion molecule (NCAM1). ST8SIA4, a member of glycosyltransferase family 29, is a type II membrane protein that may be present in the Golgi apparatus. The protein encoded by this gene catalyzes the polycondensation of alpha-2,8-linked sialic acid required for the synthesis of polysialic acid, a modulator of the adhesive properties of neural cell adhesion molecule (NCAM1). The encoded protein, which is a member of glycosyltransferase family 29, is a type II membrane protein that may be present in the Golgi apparatus. Two transcript variants encoding different isoforms have been found for this gene.</p> <p>Alias Symbols: MGC34450, MGC61459, PST, PST1, SIAT8D, ST8SIA-IV</p> <p>Protein Interaction Partner: ST8SIA4, NCAM1,</p> <p>Protein Size: 359</p> |
| Molecular Weight: | 41 kDa |
| Gene ID: | 7903 |
| NCBI Accession: | NM_005668 , NP_005659 |
| UniProt: | Q92187 |

Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 359 AA |
| Restrictions: | For Research Use only |

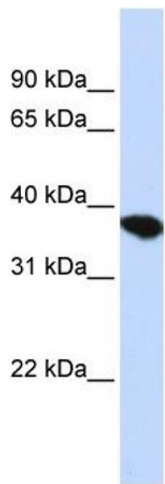
Handling

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| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Handling

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| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

Images



Western Blotting

Image 1. WB Suggested Anti-ST8SIA4 Antibody Titration:
0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2
cell lysate