

[Go to Product page](#)

Datasheet for ABIN7467080 **anti-ST3GAL3 antibody**

Overview

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| Quantity: | 100 µL |
| Target: | ST3GAL3 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ST3GAL3 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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| Immunogen: | Recombinant protein encompassing a sequence within the center region of human ST3GAL3. The exact sequence is proprietary. |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | Purified by antigen-affinity chromatography. |

Target Details

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| Target: | ST3GAL3 |
| Alternative Name: | ST3 beta-galactoside alpha-2,3-sialyltransferase 3 (ST3GAL3 Products) |
| Background: | ST3 beta-galactoside alpha-2,3-sialyltransferase 3 , EIEE15 , MRT12 , SIAT6 , ST3GALII , ST3Gal III , ST3GalIII , ST3N,The protein encoded by this gene is a type II membrane protein that |

Target Details

catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The encoded protein is normally found in the Golgi apparatus but can be proteolytically processed to a soluble form. This protein is a member of glycosyltransferase family 29. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq]

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| Molecular Weight: | 42 kDa |
| Gene ID: | 6487 |
| UniProt: | Q11203 |
| Pathways: | Glycosaminoglycan Metabolic Process |

Application Details

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| Application Notes: | WB: 1:1000-1:10000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications. |
| Comment: | Positive Control: NT2D1 , IMR32 |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 0.93 mg/mL |
| Buffer: | 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal |
| Preservative: | Thimerosal (Merthiolate) |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |