



Rabbit anti Sialyltransferase Polyclonal Antibody

Alternative Name(s): ST6Gal

Order Information

- **Description:** Sialyltransferase
- **Catalogue:** 602-900
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), WB
- **Reactivity:** Hu, Dros

ANTIGEN PREPARATION

A synthetic peptide derived from the internal domain of Sialyltransferase protein from drosophila origin

BACKGROUND

Sialyltransferases are enzyme that transfer sialic acid to nascent oligosaccharide. Each silaytransferase is specific for a particular sugar substrate. Sialytransferases add sialic acid to the terminal portins of the sialylated glycolipids or to the N-or O-linked sugar chases of glycoproteins. The animal sialyltransferases are Golgi type II transmembrane glycosyltransferases. While the enzyme ST6Gal I uses the Gal β 1-4GlcNAc-R as the acceptor substrate which present in insects.

PURIFICATION

The Rabbit IgG is purified by Epitope Affinity Purification

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes ~52 kDa of drosophila Sialyltransferase protein . The other species are not tested.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at -20oC to -70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

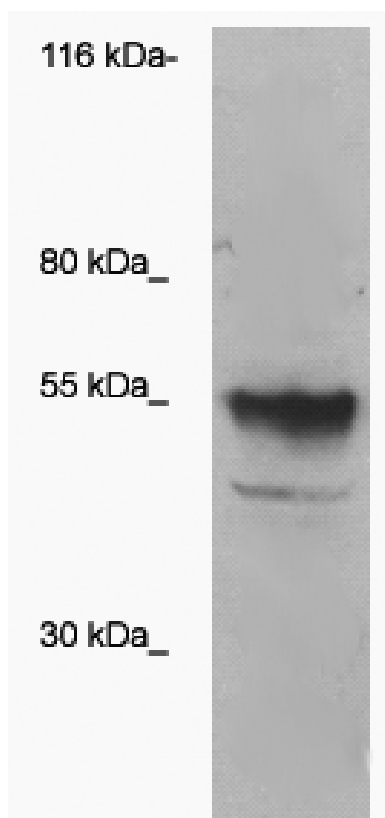
- Western Blot: 0.1-1 μ g/ml
- ELISA: 0.01-0.1 μ g/ml
- Immunoprecipitation: 2-5 μ g/ml
- IHC: 2-10 μ g/ml
- Flow cytometry: Not tested
- Molecular Weight: 51.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

*Optimal dilutions should be determined by researchers for the specific applications.

FOR RESEARCH USE ONLY.

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DATA ATTACHMENTS



Western Blot: The whole cell lysate derived from HEK293 over-expressed ST6Gal protein was loaded in SDS-PAGE, transferred onto a NC membrane, then blotted by Rabbit anti ST6Gal antibody (Cat#602-900) at 1:500. An immune reactive band is observed around ~52kD.

REFERENCES

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