

Product datasheet for TA362200

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

ST3GAL6 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the middle region of Human

ST3GAL6

Specificity: Expected reactivity: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified
Conjugation: Unconjugated

Storage: 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.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 38 kDa

Gene Name: ST3 beta-galactoside alpha-2,3-sialyltransferase 6

Database Link: <u>NP 001258074.1</u>

Entrez Gene 10402 Human

Q9Y274



ST3GAL6 Rabbit Polyclonal Antibody - TA362200

Background: The protein encoded by this gene is a member of the sialyltransferase family. Members of

this family are enzymes that transfer sialic acid from the activated cytidine 5'-monophospho-N-acetylneuraminic acid to terminal positions on sialylated glycolipids (gangliosides) or to the

N- or O-linked sugar chains of glycoproteins. This protein has high specificity for

neolactotetraosylceramide and neolactohexaosylceramide as glycolipid substrates and may contribute to the formation of selectin ligands and sialyl Lewis X, a carbohydrate important for cell-to-cell recognition and a blood group antigen. Alternative splicing results in multiple

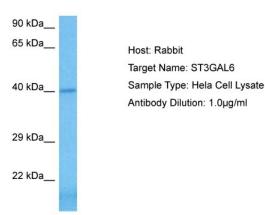
transcript variants that encode different protein isoforms.

Synonyms: alpha2,3-sialyltransferase; SIAT10; ST3GALVI

Protein Families: Transmembrane

Protein Pathways: Glycosphingolipid biosynthesis - lacto and neolacto series, Metabolic pathways

Product images:



Host: Rabbit

Target Name: ST3GAL6

Sample Tissue: Human Hela Whole Cell lysates

Antibody Dilution: 1ug/ml