

Product datasheet for **TA358622**

CDw75 (ST6GAL1) Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Reactivity: | Human, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Specificity: | Expected reactivity: Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Zebrafish Homology: Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%; Sheep: 100%; Zebrafish: 77% |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| 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: | 21kDa |
| Gene Name: | ST6 beta-galactoside alpha-2,6-sialyltransferase 1 |
| Database Link: | NP_775324 Entrez Gene 25197 Rat Entrez Gene 6480 Human B2R513 |



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Background:

This gene encodes a member of glycosyltransferase family 29. The encoded protein is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The protein, which is normally found in the Golgi but can be proteolytically processed to a soluble form, is involved in the generation of the cell-surface carbohydrate determinants and differentiation antigens HB-6, CD75, and CD76. This gene has been incorrectly referred to as CD75. Three transcript variants encoding two different isoforms have been described.

Synonyms:

CMP-N-acetylneuraminate-beta-galactosamide-alpha-2; MGC48859; OTTHUMP00000210002; SIAT1; ST6Gal1; ST6N

Protein Families:

Secreted Protein

Protein Pathways:

Metabolic pathways, N-Glycan biosynthesis

Product images:


Host: Rabbit
 Target Name: ST6GAL1
 Antibody Dilution: 1.0ug/ml
 Sample Type: Human Kidney



Host: Rabbit
 Target Name: St6gal1
 Sample Type: Rat Brain Lysate
 Antibody Dilution: 1.0µg/ml

Host: Rat
 Target Name: ST6GAL1
 Sample Tissue: Rat Brain
 Antibody Dilution: 1 ug/ml