

## **Product datasheet for TA358622**

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## 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.

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:** 21kDa

**Gene Name:** ST6 beta-galactoside alpha-2,6-sialyltransferase 1

Database Link: NP 775324

Entrez Gene 25197 RatEntrez Gene 6480 Human

B2R513





**Background:** This gene encodes a member of glycosyltransferase family 29. The encoded protein is a type

Il 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; ST6Gall; ST6N

**Protein Families:** Secreted Protein

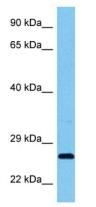
**Protein Pathways:** Metabolic pathways, N-Glycan biosynthesis

## **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: 1ug/ml