

Product datasheet for TA382060S

ST3GAL3 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ICC/IF, IHC, WB

Recommended Dilution: WB,1:500 - 1:2000

IHC,1:50 - 1:200 IF,1:50 - 1:200

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 30-375 of

human ST3GAL3 (NP_006270.1).

Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 5kDa/8kDa/11-49kDa

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

Database Link: Entrez Gene 6487 Human

Q11203

Background: The protein encoded by this gene is a type II membrane protein that 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. Mutations in this gene have been associated with autosomal recessive nonsymdromic mental retardation-12 (MRT12). Multiple

transcript variants encoding several different isoforms have been found for this gene.



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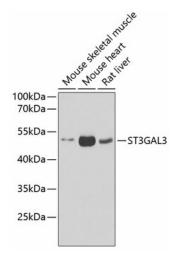
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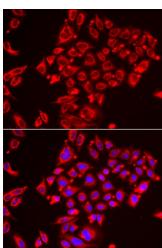
Synonyms:

OTTHUMP0000008820; OTTHUMP00000008821; OTTHUMP00000008822; OTTHUMP00000008823; SIAT6; ST3GALII; ST3GalIII; ST3N

Product images:



Western blot analysis of extracts of various cell lines, using ST3GAL3 antibody ([TA382060]) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 90s.



Immunofluorescence analysis of HeLa cells using ST3GAL3 antibody ([TA382060]). Blue: DAPI for nuclear staining.