

OriGene Technologies, Inc.

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Product datasheet for TA382060

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
lsotype:	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:	<u>Entrez Gene 6487 Human</u> <u>Q11203</u>
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.

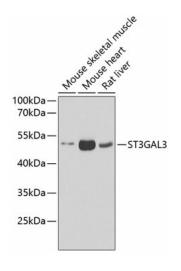


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Synonyms:

OTTHUMP0000008820; OTTHUMP0000008821; OTTHUMP0000008822; OTTHUMP0000008823; 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.

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