

Rabbit anti-Human, Mouse ST3GAL4 Polyclonal Antibody | anti-ST3GAL4 antibody

ST3GAL4 Polyclonal Antibody

CATALOG # AAA37606	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

ST3GAL4; Polyclonal Antibody; ST3GAL4 Polyclonal Antibody; STZ; SAT3; CGS23; SIAT4; NANTA3; SIAT4C; ST3GalIV; anti-ST3GAL4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	333
Applicable Applications for anti-ST3GAL4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human ST3GAL4
Calculated Molecular Weight	38kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using ST3GAL4 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ST3GAL4 antibody 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: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-ST3GAL4 antibody	This gene encodes a member of the glycosyltransferase 29 family, a group of enzymes involved in protein glycosylation. The encoded protein is targeted to Golgi membranes but may be proteolytically processed and secreted. The gene product may also be involved in the increased expression of sialyl Lewis X antigen seen in inflammatory responses. Multiple transcript variants encoding different isoforms have been found for this gene.
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Product Categories/Family for anti-ST3GAL4 antibody	Polyclonal
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1705565
NCBI GeneID	6484
UniProt Accession #	Q11206; O60497; Q8N6A6; Q8NFG7; Q96QQ9; A8K6B2
Molecular Weight	333
NCBI Official Full Name	CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 4
NCBI Official Synonym Full Names	ST3 beta-galactoside alpha-2,3-sialyltransferase 4
NCBI Official Symbol	ST3GAL4
NCBI Official Synonym Symbols	STZ; SAT3; CGS23; SIAT4; NANTA3; SIAT4C; ST3GalIV
NCBI Protein Information	CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 4; ST-4; SAT-3; SIAT4-C; ST3GalA.2; gal-NAc6S; alpha 2,3-ST 4; alpha 2,3-sialyltransferase IV; alpha-3-N-acetylneuraminytransferase; beta-galactoside alpha-2,3-sialyltransferase 4; gal-beta-1,4-GalNAc-alpha-2,3-sialyltransferase; sialyltransferase 4C (beta-galactoside alpha-2,3-sialytransferase); sialyltransferase 4C (beta-galactosidase alpha-2,3-sialytransferase)
UniProt Protein Name	CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 4
UniProt Gene Name	ST3GAL4
UniProt Synonym Gene Names	CGS23; NANTA3; SIAT4C; STZ; Alpha 2,3-ST 4; Beta-galactoside alpha-2,3-sialyltransferase 4; ST3GalIV; SIAT4-C
UniProt Entry Name	SIA4C_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.