

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

Anti-ST3GAL4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA262231	Rabbit	Human, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ST3GAL4; Polyclonal Antibody; Anti-ST3GAL4 Antibody; CGS23; NANTA3; SIAT4C; STZ; CMP-N-acetylneuraminate-beta-galactosamide-alpha-2; 3-sialyltransferase 4; Alpha 2; 3-ST 4; Beta-galactoside alpha-2; 3-sialyltransferase IV; Gal-NAc6S; Gal-beta-1; 4-GalNAc-alpha-2; 3-sialyltransferase; SAT-3; ST-4; ST3Gal IV; ST3GalIV; ST3GalA.2; Sialyltransferase 4C; SIAT4-C; anti-ST3GAL4 antibody

PRODUCT SPECIFICATIONS

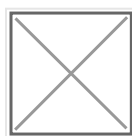
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of ST3GAL4 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	318
Applicable Applications for anti-ST3GAL4 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human ST3GAL4
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



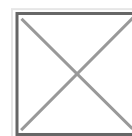
IF (Immunofluorescence)

Immunofluorescent analysis of ST3GAL4 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of ST3GAL4 expression in HT29 (A), rat testis (B), rat liver (C) whole cell lysates.



IHC (Immunohistochemistry)

Immunohistochemical analysis of ST3GAL4 staining in rat kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

ADDITIONAL INFORMATION

Related Product Information for anti-ST3GAL4 antibody	Rabbit polyclonal antibody to ST3GAL4
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NCBI AND UNIPROT INFORMATION

NCBI GI #	363543346
NCBI GeneID	6484
NCBI Accession #	NP_001241686.1
NCBI GenBank Nucleotide #	NM_001254757.1
UniProt Accession #	Q11206; O60497; Q8N6A6; Q8NFG7; Q96QQ9; A8K6B2
Molecular Weight	36,157 Da
NCBI Official Full Name	CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 4 isoform 2
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/st3gal4-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/262231>