

Rabbit ST3GAL3 Polyclonal Antibody | anti-ST3GAL3 antibody

ST3GAL3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279658	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ST3GAL3; Polyclonal Antibody; ST3GAL3 Polyclonal Antibody; ST3N; MRT12; SIAT6; EIEE15; ST3GALII; ST3GalIII; anti-ST3GAL3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	375
Applicable Applications for anti-ST3GAL3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human ST3GAL3
Calculated Molecular Weight	42kDa
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 ST3GAL3 antibody. Blue: DAPI for nuclear staining.



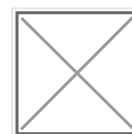
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse spinal cord using ST3GAL3 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat lung using ST3GAL3 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver injury using ST3GAL3 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ST3GAL3 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: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-ST3GAL3 antibody	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 nonsyndromic mental retardation-12 (MRT12). Multiple transcript variants encoding several different isoforms have been found for this gene.
Product Categories/Family for anti-ST3GAL3 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	1705561
NCBI GeneID	6487
UniProt Accession #	Q11203; Q5T4W9; Q5T4X0; Q5T4X7; Q5T4X8; Q5T4X9; Q5T4Y0; Q5T4Y2; Q5T4Y3; Q5T4Y4; A9Z1W2; D3DPX8
Molecular Weight	375
NCBI Official Full Name	CMP-N-acetylneuraminate-beta-1,4-galactoside alpha-2,3-sialyltransferase
NCBI Official Synonym Full Names	ST3 beta-galactoside alpha-2,3-sialyltransferase 3
NCBI Official Symbol	ST3GAL3
NCBI Official Synonym Symbols	ST3N; MRT12; SIAT6; EIEE15; ST3GALII; ST3GalIII
NCBI Protein Information	CMP-N-acetylneuraminate-beta-1,4-galactoside alpha-2,3-sialyltransferase; ST3Gal III; alpha 2,3-ST 3; alpha-2,3-sialyltransferase II; alpha 2,3-sialyltransferase III; Gal beta-1,3(4)GlcNAc alpha-2,3 sialyltransferase; mental retardation, non-syndromic, autosomal recessive, 12; sialyltransferase 6 (N-acetylglucosaminide alpha 2,3-sialyltransferase)
UniProt Protein Name	CMP-N-acetylneuraminate-beta-1,4-galactoside alpha-2,3-sialyltransferase
UniProt Gene Name	ST3GAL3
UniProt Synonym Gene Names	SIAT6; Alpha 2,3-ST 3; ST3GalIII
UniProt Entry Name	SIAT6_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/st3gal3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279658>