

Rabbit ST3GAL4 Polyclonal Antibody | anti-ST3GAL4 antibody

ST3GAL4 antibody - middle region

CATALOG # AAA199737	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

ST3GAL4; Polyclonal Antibody; ST3GAL4 antibody - middle region; anti-ST3GAL4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: FD PKVENNPDTL LVLVAFKAMD FHWIETILSD KKRVRKGFVK QPPLIWDV
Sequence Length	329
Applicable Applications for anti-ST3GAL4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 93%; Rabbit: 93%; Rat: 100%; Sheep: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ST3GAL4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



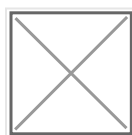
WB (Western Blot)

WB Suggested Anti-ST3GAL4 Antibody Titration: 0.25ug/ml
Positive Control: HepG2 cell lysate
ST3GAL4 is supported by BioGPS gene expression data to be expressed in HepG2



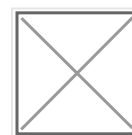
IHC (Immunohistochemistry)

Rabbit Anti-ST3GAL4 antibody
Formalin Fixed Paraffin Embedded Tissue: Human Small Intestine
Primary antibody Concentration: 1:200
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec



IHC (Immunohistochemistry)

Rabbit Anti-ST3GAL4 antibody
Formalin Fixed Paraffin Embedded Tissue: Human Placenta
Primary antibody Concentration: 1:200
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec



IHC (Immunohistochemistry)

Rabbit Anti-ST3GAL4 antibody
Formalin Fixed Paraffin Embedded Tissue: Human Colon
Primary antibody Concentration: 1:200
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec



IHC (Immunohistochemistry)
Human Liver

ADDITIONAL INFORMATION

Related Product Information for anti-ST3GAL4 antibody	This is a rabbit polyclonal antibody against ST3GAL4. It was validated on Western Blot and immunohistochemistry Target Description: Synthesis of alpha-2,3-linked sialic acid to Gal(beta-1,3)GalNAc is mediated by at least 3 distinct beta-galactoside alpha-2,3-sialyltransferases (EC 2.4.99.4), including ST3GAL4. In contrast, only a single gene encodes the beta-galactoside alpha-2,6-sialyltransferase, ST6GAL1.
Product Categories/Family for anti-ST3GAL4 antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Drugs and Drug Metabolism; Developmental Biology; Immunohistochemistry; Receptors; Glycosylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	5454058
NCBI GeneID	6484
NCBI Accession #	NP_006269
NCBI GenBank Nucleotide #	NM_006278
UniProt Accession #	Q6IBE6; Q11206
Molecular Weight	37kDa
NCBI Official Full Name	CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 4 isoform 1
NCBI Official Synonym Full Names	ST3 beta-galactoside alpha-2,3-sialyltransferase 4
NCBI Official Symbol	ST3GAL4
NCBI Official Synonym Symbols	STZ; SAT3; ST-4; CGS23; SIAT4; NANTA3; SIAT4C; ST3GalIV; ST3GalA.2; gal-NAc6S
NCBI Protein Information	CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 4
UniProt Protein Name	SIAT4C protein
UniProt Gene Name	SIAT4C
UniProt Synonym Gene Names	ST3GAL4
UniProt Entry Name	Q6IBE6_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/st3gal4-antibody-western-blot-immunohistochemistry-elisa/199737>