

Rabbit ST8SIA2-Specific Polyclonal Antibody | anti-ST8SIA2 antibody

ST8SIA2-Specific Antibody

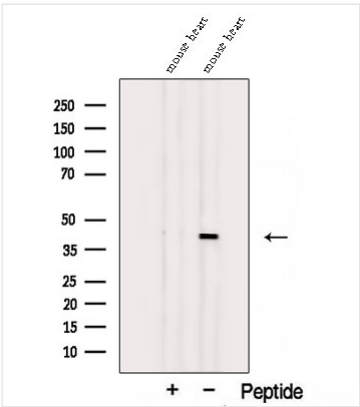
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328732	Rabbit	Human, Mouse, Rat, Monkey Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus	Western Blot

PRODUCT SYNONYMS

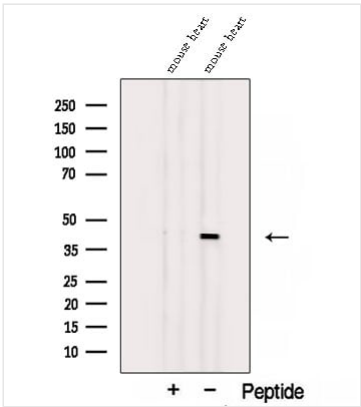
ST8SIA2-Specific; Polyclonal Antibody; ST8SIA2-Specific Antibody; alpha 2 8 sialyltransferase 8B 1; Alpha 2 8 sialyltransferase 8B; HsT19690; MGC116854; MGC116857; Sialyltransferase 8 (alpha 2 8 sialyltransferase) B; Sialyltransferase 8B; Sialyltransferase X; Sialyltransferase8B; SialyltransferaseX; sialyltransferase St8Sia II; SIAT 8 B; SIAT 8B; SIAT8 B; SIAT8B; ST8 alpha N acetyl neuraminide alpha 2 8 sialyltransferase 2; ST8SIA II; ST8SIA2; ST8SIAII; STX; anti-ST8SIA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	ST8SIA2-Specific Antibody detects endogenous levels of ST8SIA2-Specific.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	375
Applicable Applications for anti-ST8SIA2 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human ST8SIA2-Specific.
Tissue Specificity	Highly expressed in fetal brain, kidney and heart and to a much lesser extent in adult heart and thymus.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Golgi Apparatus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from Mouse heart tissue, using ST8SIA2-Specific Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from VERO, using ST8SIA2-Specific Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ST8SIA2 antibody	Description: May transfer sialic acid through alpha-2,8-linkages to the alpha-2,3-linked and alpha-2,6-linked sialic acid of N-linked oligosaccharides of glycoproteins and may be involved in PSA (polysialic acid) expression.
	Similarity: Belongs to the glycosyltransferase 29 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174677
NCBI GeneID	8128
NCBI Accession #	NP_006002
NCBI GenBank Nucleotide #	NP_006002.1
UniProt Accession #	Q92186
Molecular Weight	Observed: 42 kDa Predicted: 43 kDa
NCBI Official Full Name	alpha-2,8-sialyltransferase 8B isoform 1
NCBI Official Synonym Full Names	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 2
NCBI Official Symbol	ST8SIA2
NCBI Official Synonym Symbols	STX; SIAT8B; SIAT8-B; HsT19690; ST8SialI; ST8SIA-II
NCBI Protein Information	alpha-2,8-sialyltransferase 8B
UniProt Protein Name	Alpha-2,8-sialyltransferase 8B
UniProt Gene Name	ST8SIA2
UniProt Synonym Gene Names	SIAT8B; STX; SIAT8-B; ST8SialI; STX
UniProt Entry Name	SIA8B_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.