

Product datasheet for **TA339387**

ST3GAL5 Rabbit Polyclonal Antibody

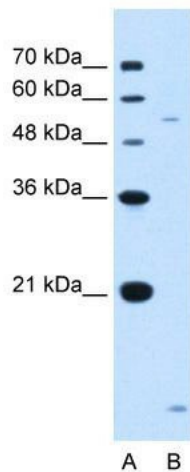
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ST3GAL5 antibody: synthetic peptide directed towards the N terminal of human ST3GAL5. Synthetic peptide located within the following region: DSEAESKYDPPFGFRKFSSKVQTLLELLPEHDLPEHLKAKTCRRCVIGS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	48 kDa
Gene Name:	ST3 beta-galactoside alpha-2,3-sialyltransferase 5
Database Link:	NP_003887 Entrez Gene 8869 Human Q9UNP4

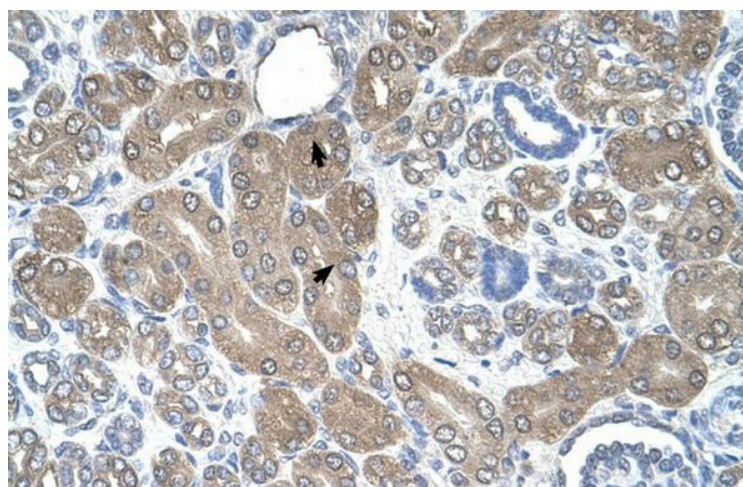


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- Background:** Ganglioside GM3 is known to participate in the induction of cell differentiation, modulation of cell proliferation, maintenance of fibroblast morphology, signal transduction, and integrin-mediated cell adhesion. The protein encoded by this gene is a type II membrane protein which catalyzes the formation of GM3 using lactosylceramide as the substrate. The encoded protein is a member of glycosyltransferase family 29 and may be localized to the Golgi apparatus. Mutation in this gene has been associated with Amish infantile epilepsy syndrome. Transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
- Synonyms:** SATI; SIAT9; SIATGM3S; SPDRS; ST3GalV
- Note:** Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Dog: 93%; Goat: 93%; Sheep: 93%; Bovine: 93%
- Protein Families:** Transmembrane
- Protein Pathways:** Glycosphingolipid biosynthesis - ganglio series, Metabolic pathways
- Product images:**



WB Suggested Anti-ST3GAL5 Antibody Titration:
1.25 ug/ml; Positive Control: Jurkat cell lysate



Human kidney