

Product datasheet for **TA339036**

ST3GAL4 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-ST3GAL4 antibody: synthetic peptide directed towards the middle region of human ST3GAL4. Synthetic peptide located within the following region: FDPKVENNPDTLLVLVAFKAMDHFHWIETILSDKKRVRKGFWKQPPLIWDV
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:	37 kDa
Gene Name:	ST3 beta-galactoside alpha-2,3-sialyltransferase 4
Database Link:	NP_006269 Entrez Gene 6484 Human Q11206



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Background:

This gene encodes a member of the glycosyltransferase 29 family, a group of enzymes involved in protein glycosylation. The encoded protein is targeted to Golgi membranes but may be proteolytically processed and secreted. The gene product may also be involved in the increased expression of sialyl Lewis X antigen seen in inflammatory responses. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]

Synonyms:

CGS23; NANTA3; SAT3; SIAT4; SIAT4C; ST3GalIV; STZ

Note:

Immunogen Sequence Homology: Dog: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 93%; Sheep: 93%; Bovine: 93%; Rabbit: 93%; Guinea pig: 86%

Protein Families:

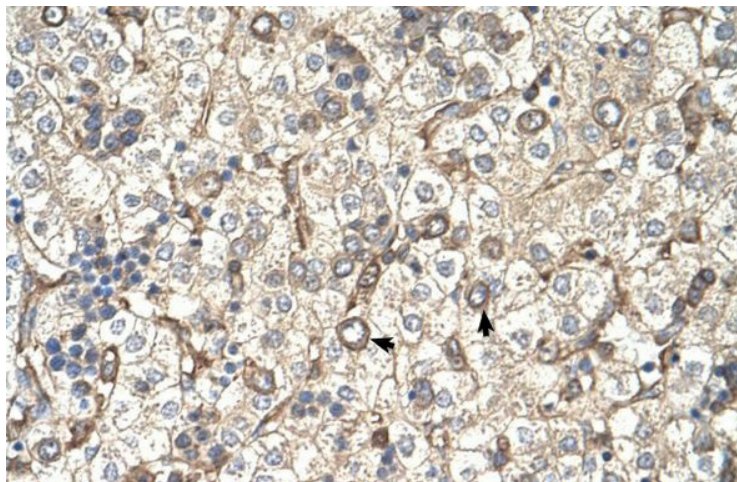
Secreted Protein, Transmembrane

Protein Pathways:

Glycosphingolipid biosynthesis - lacto and neolacto series, Metabolic pathways

Product images:


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



Human Liver