

Product datasheet for **TA339037**

ST3GAL3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ST3GAL3 antibody: synthetic peptide directed towards the C terminal of human ST3GAL3. Synthetic peptide located within the following region: GFGYDMSTPNAPLHYETVRMAAIKESWTHNIQREKEFLRKLVKARVITD
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:	30 kDa
Gene Name:	ST3 beta-galactoside alpha-2,3-sialyltransferase 3
Database Link:	NP_001257388 Entrez Gene 6487 Human Q11203



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Background: 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. [provided by RefSeq, Jul 2012]

Synonyms: EIEE15; MRT12; SIAT6; ST3GALII; ST3GalIII; ST3N

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 93%; Horse: 92%

Protein Families: Secreted Protein, Transmembrane

Protein Pathways: Glycosphingolipid biosynthesis - lacto and neolacto series, Keratan sulfate biosynthesis, Metabolic pathways

Product images:



WB Suggested Anti-ST3GAL3 Antibody Titration:
1.25 ug/ml; Positive Control: Human Muscle