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Product datasheet for TA341900

B3GAT3 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-B3GAT3 antibody: synthetic peptide directed towards the N terminal of human B3GAT3. Synthetic peptide located within the following region: PPLRAAAEQLRQKDLRISQLQAELRRPPPAPAQPPEPEALPTIYVVTPTY
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Concentration:	lot specific
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:	beta-1,3-glucuronyltransferase 3
Database Link:	NP_036332 Entrez Gene 26229 Human O94766
Background:	The protein encoded byThis gene is a member ofThe glucuronyltransferase gene family, enzymes that exhibit strict acceptor specificity, recognizing nonreducing terminal sugars andTheir anomeric linkages.This gene product catalyzesThe formation ofThe glycosaminoglycan-protein linkage by way of a glucuronyl transfer reaction inThe final step ofThe biosynthesis ofThe linkage region of proteoglycans. A pseudogene ofThis gene has been identified on chromosome 3. [provided by RefSeq, Dec 2013]

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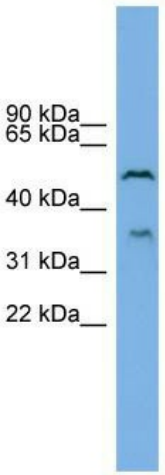
Synonyms: GLCATI; glcUAT-I; JDSCD

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

Protein Families: Transmembrane

Protein Pathways: Chondroitin sulfate biosynthesis, Heparan sulfate biosynthesis, Metabolic pathways

Product images:



WB Suggested Anti-B3GAT3 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive Control: 721_B cell lysate.B3GAT3 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells