

## Product datasheet for **TA331374**

### CD57 (B3GAT1) 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-B3GAT1 antibody is: synthetic peptide directed towards the N-terminal region of Human B3GAT1. Synthetic peptide located within the following region: LAPLLAVHKDEGSDPRRETPPGADPREYCTSDRDIVEVVRTEYVYTRPPP
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>
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 1
Database Link:	<a href="#">NP_473366</a> <a href="#">Entrez Gene 27087 Human</a> <a href="#">Q9P2W7</a>
Background:	The protein encoded by this gene is a member of the glucuronyltransferase gene family. These enzymes exhibit strict acceptor specificity, recognizing nonreducing terminal sugars and their anomeric linkages. This gene product functions as the key enzyme in a glucuronyl transfer reaction during the biosynthesis of the carbohydrate epitope HNK-1 (human natural killer-1, also known as CD57 and LEU7). Alternate transcriptional splice variants have been characterized.
Synonyms:	CD57; GLCATP; GLCUATP; HNK1; LEU7; NK-1; NK1



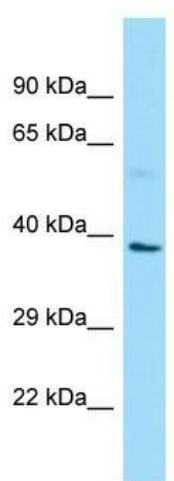
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**Note:** Human: 100%; Dog: 93%; Pig: 93%; Rat: 93%; Mouse: 93%; Horse: 86%; Bovine: 86%; Rabbit: 86%; Guinea pig: 85%

**Protein Families:** Transmembrane

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

**Product images:**



WB Suggested Anti-B3GAT1 Antibody; Titration: 1.0 ug/ml; Positive Control: Fetal Lung