

## Product datasheet for **TA367002**

### CD57 (B3GAT1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse brain tissue IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human B3GAT1
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	38 kDa
Gene Name:	beta-1,3-glucuronyltransferase 1
Database Link:	<a href="#">Entrez Gene 27087 Human 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.



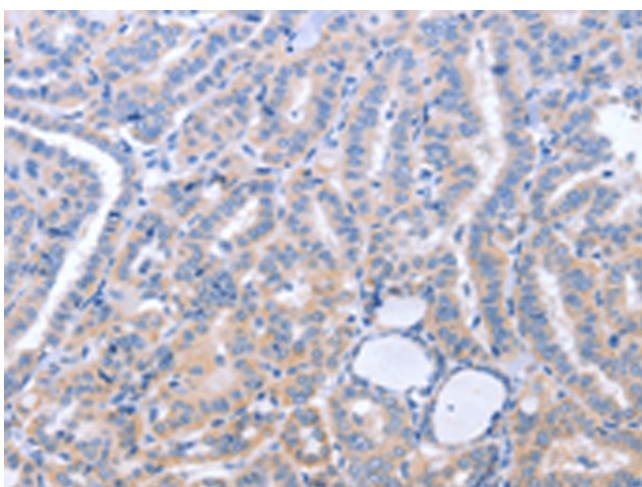
[View online »](#)

**Synonyms:** CD57; GlcAT-P; GLCATP; GlcUAT-P; GLCUATP; Glucuronosyltransferase-P; HNK-1; HNK1; LEU7; NK-1; NK1

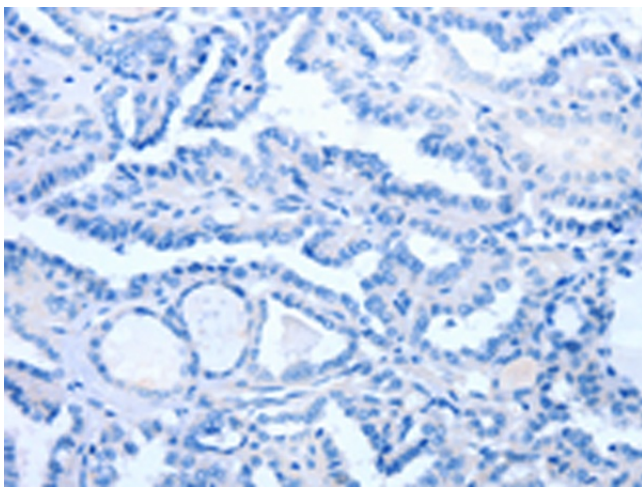
### Product images:



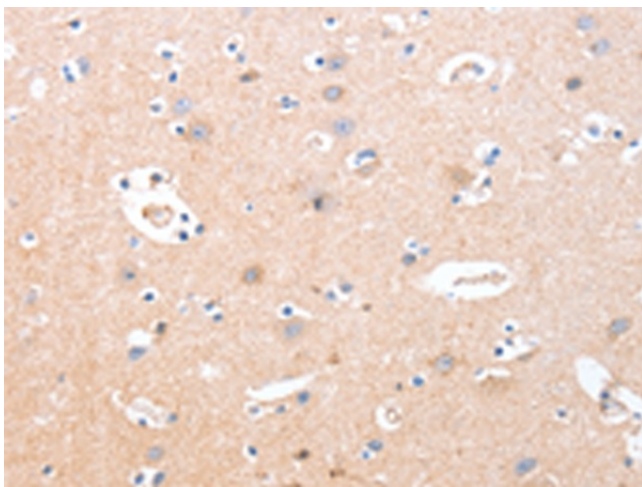
Gel: 10%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: Mouse brain tissue  
Primary antibody: TA367002 (B3GAT1 Antibody)  
at dilution 1/400  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution  
Exposure time: 20 seconds



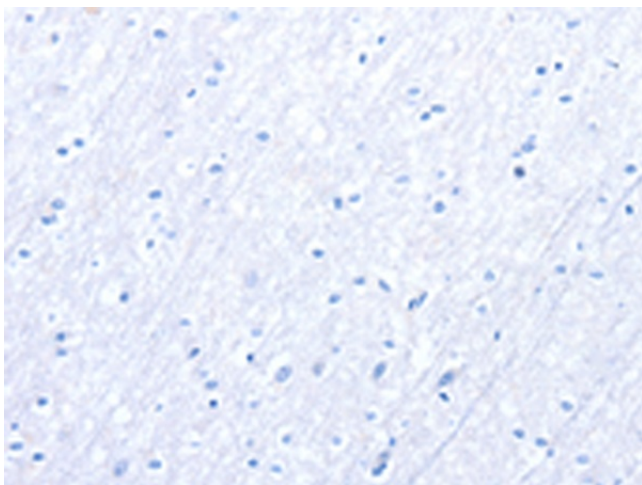
Immunohistochemistry of paraffin-embedded  
Human thyroid cancer tissue using TA367002  
(B3GAT1 Antibody) at dilution 1/40 (Original  
magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA367002 (B3GAT1 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA367002 (B3GAT1 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA367002 (B3GAT1 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: ×200)