

## Product datasheet for **AP50326PU-N**

### **B3GAT2 (Center) Rabbit Polyclonal Antibody**

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western blotting:</b> 1/100 - 1/500.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 130-158 amino acids from the Central region of human B3GAT2
Specificity:	This antibody reacts to B3GAT2.
Formulation:	PBS containing 0.09% (W/V) sodium azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	beta-1,3-glucuronyltransferase 2
Database Link:	<a href="#">Entrez Gene 280645 Mouse</a> <a href="#">Entrez Gene 135152 Human</a> <a href="#">Q9NPZ5</a>



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**Background:** The product of this gene is a transmembrane protein belonging to the glucuronyltransferase family, and catalyzes the transfer of a beta-1,3 linked glucuronic acid to a terminal galactose in different glycoproteins or glycolipids containing a Gal-beta-1-4GlcNAc or Gal-beta-1-3GlcNAc residue. The encoded protein is involved in the synthesis of the human natural killer-1 (HNK-1) carbohydrate epitope, a sulfated trisaccharide implicated in cellular migration and adhesion in the nervous system. [provided by RefSeq].

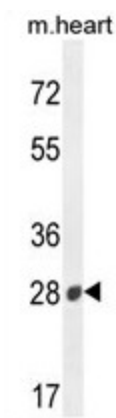
**Synonyms:** GLCATS, KIAA1963, GlcAT-D, GlcAT-S, Glucuronosyltransferase S

**Note:** **Molecular Weight:** 36919 Da

**Protein Families:** Transmembrane

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

### Product images:



B3GAT2 Antibody (Center) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the B3GAT2 antibody detected the B3GAT2 protein (arrow).