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Datasheet for ABIN950588

anti-B3GAT2 antibody (Middle Region)

1 Image

Overview

Quantity:	0.4 mL
Target:	B3GAT2
Binding Specificity:	AA 130-158, Middle Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 130-158 amino acids from the Central region of human B3GAT2
Isotype:	Ig Fraction
Specificity:	This antibody reacts to B3GAT2.
Cross-Reactivity (Details):	Species reactivity (tested): Human and Mouse.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	B3GAT2
Alternative Name:	B3GAT2 (B3GAT2 Products)
Background:	The product of this gene is a transmembrane protein belonging to the glucuronyltransferase

Target Details

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: 3-glucuronyltransferase 2, Beta-1, GLCATS, Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 2, GlcAT-D, GlcAT-S, Glucuronosyltransferase S, KIAA1963, UDP-glucuronosyltransferase S

Gene ID: 135152

NCBI Accession: [NP_542780](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) sodium azide as preservative

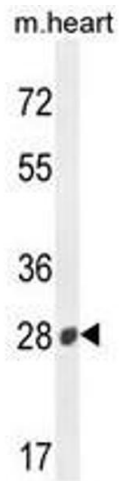
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. B3GAT2 Antibody (Center) western blot analysis in mouse heart tissue lysates (35µg/lane). This demonstrates the B3GAT2 antibody detected the B3GAT2 protein (arrow).