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Datasheet for ABIN1538088
anti-GCNT2 antibody (AA 213-240)

1 Image

Overview

Quantity:	400 µL
Target:	GCNT2
Binding Specificity:	AA 213-240
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCNT2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This GCNT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 213-240 amino acids from the Central region of human GCNT2.
Clone:	RB38784
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GCNT2
Alternative Name:	GCNT2 (GCNT2 Products)
Background:	This gene encodes the enzyme responsible for formation of the blood group I antigen. The i and

Target Details

I antigens are distinguished by linear and branched poly-N-acetyllactosaminoglycans, respectively. The encoded protein is the I-branching enzyme, a beta-1,6-N-acetylglucosaminyltransferase responsible for the conversion of fetal i antigen to adult I antigen in erythrocytes during embryonic development. Mutations in this gene have been associated with adult i blood group phenotype. Alternatively spliced transcript variants encoding different isoforms have been described.

Molecular Weight: 45873

Gene ID: 2651

NCBI Accession: [NP_663624](#)

UniProt: [Q8N0V5](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

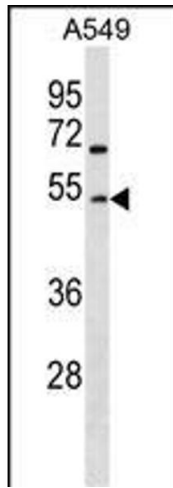
Preservative: Sodium azide

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

Storage: 4 °C,-20 °C

Storage Comment: GCNT2 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. GCNT2 Antibody (Center) (ABIN1538088 and ABIN2849936) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the GCNT2 Antibody detected the GCNT2 protein (arrow).