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Datasheet for ABIN7128355

anti-ALG12 antibody

2 Images

Overview

Quantity:	100 µL
Target:	ALG12
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALG12 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Fusion protein of Human ALG12
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen affinity purification

Target Details

Target:	ALG12
Alternative Name:	ALG12 (ALG12 Products)
Background:	Background: This gene encodes a member of the glycosyltransferase 22 family. The encoded protein catalyzes the addition of the eighth mannose residue in an alpha-1,6 linkage onto the dolichol-PP-oligosaccharide precursor (dolichol-PP-Man(7)GlcNAc(2)) required for protein glycosylation. Mutations in this gene have been associated with congenital disorder of

Target Details

glycosylation type Ig (CDG-Ig) characterized by abnormal N-glycosylation.

Aliases: 6-mannosyltransferase antibody, ALG12 antibody, ALG12_HUMAN antibody, Asparagine linked glycosylation 12 alpha 1 6 mannosyltransferase homolog antibody, Asparagine linked glycosylation protein 12 homolog antibody, Asparagine-linked glycosylation protein 12 homolog antibody, CDG1G antibody, Dol P Man:Man(7)GlcNAc(2) PP Dol alpha 1 6 mannosyltransferase antibody, Dol-P-Man:Man(7)GlcNAc(2)-PP-Dol alpha-1 antibody, Dolichyl P Man:Man(7)GlcNAc(2) PP dolichyl alpha 1 6 mannosyltransferase antibody, Dolichyl P mannose:Man 7 GlcNAc 2 PP dolichyl alpha 6 mannosyltransferase antibody, Dolichyl-P-Man:Man(7)GlcNAc(2)-PP-dolichyl-alpha-1 antibody, ECM39 antibody, hALG12 antibody, Mannosyltransferase ALG12 homolog antibody, Membrane protein SB87 antibody, MGC111358 antibody, MGC3136 antibody, PP14673 antibody

UniProt: [Q9BV10](#)

Application Details

Application Notes: ELISA:1:2000-1:5000, WB:1:200-1:1000, IHC:1:25-1:100,

Restrictions: For Research Use only

Handling

Format: Liquid

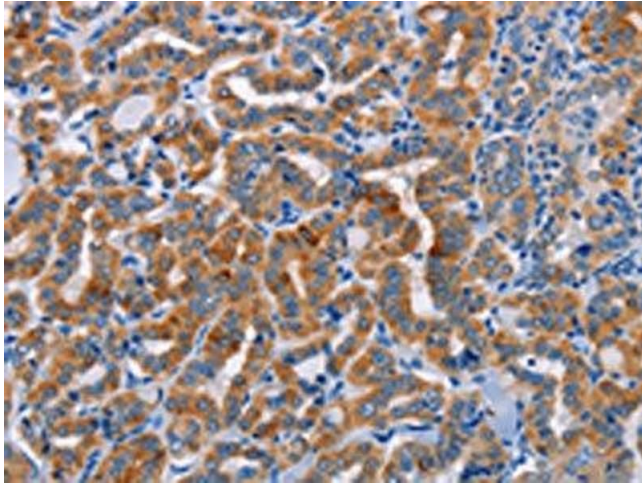
Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

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: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ABIN7128355(ALG12 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: x200)



Western Blotting

Image 2. Gel: 8 % SDS-PAGE, Lysate: 40 µg, Lane: PC3 cells, Primary antibody: ABIN7128355(ALG12 Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 10 seconds