

ALG12 Antibody

Catalog No: #36079

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Description

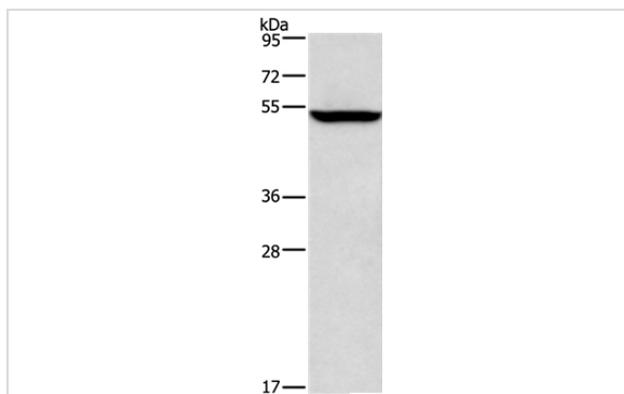
Product Name	ALG12 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ALG12 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human ALG12, alpha-1,6-mannosyltransferase
Target Name	ALG12
Other Names	CDG1G; ECM39; hALG12; PP14673
Accession No.	Swiss-Prot#: Q9BV10NCBI Gene ID: 79087Gene Accssion: BC001729
Uniprot	Q9BV10
GeneID	79087;
SDS-PAGE MW	55kd
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

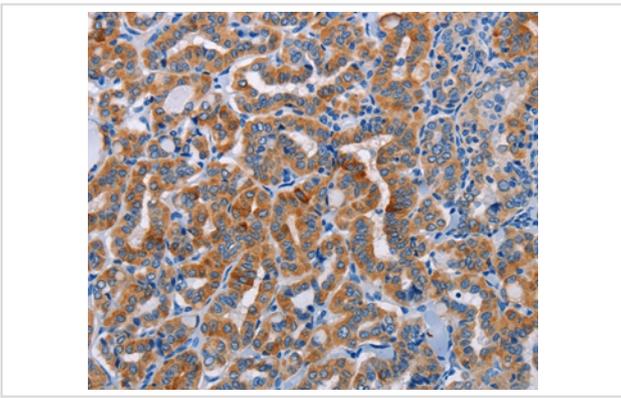
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

Images



Gel: 8%SDS-PAGE
 Lysate: 40ug PC3 cell
 Primary antibody: 1/200 dilution
 Secondary antibody dilution: 1/8000
 Exposure time: 10 seconds



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36079 at dilution 1/20.

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

Note: This product is for in vitro research use only