antibodies -online.com







anti-ALG11 antibody (AA 301-385)



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Quantity:	100 μL
Target:	ALG11
Binding Specificity:	AA 301-385
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALG11 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ALG11
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Horse
Purification:	Purified by Protein A.
Target Details	

Target:	ALG11
Alternative Name:	ALG11 (ALG11 Products)

Target Details

Background	Bac	kaı	rol	ın	d	
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Synonyms: Asparagine-linked glycosylation protein 11 homolog, Al849156, alg11,

ALG11_HUMAN, Asparagine-linked glycosylation 11, Asparagine-linked glycosylation 11, alpha-1,2-mannosyltransferase homolog yeast, GT8, UTP14C.

Background: Mannosyltransferase involved in the last steps of the synthesis of Man5GlcNAc(2)-PP-dolichol core oligosaccharide on the cytoplasmic face of the endoplasmic reticulum. Catalyzes the addition of the 4th and 5th mannose residues to the dolichol-linked oligosaccharide chain. Involvement in disease: Defects in ALG11 are the cause of congenital disorder of glycosylation type 1P (CDG1P). A multisystem disorder caused by a defect in glycoprotein biosynthesis and characterized by under-glycosylated serum glycoproteins. Congenital disorders of glycosylation result in a wide variety of clinical features, such as defects in the nervous system development, psychomotor retardation, dysmorphic features, hypotonia, coagulation disorders, and immunodeficiency. The broad spectrum of features reflects the critical role of N-glycoproteins during embryonic development, differentiation, and maintenance of cell functions.

Gene ID:

440138

Pathways:

SARS-CoV-2 Protein Interactome

Application Details

Application Notes:

ELISA 1:500-1000

IHC-P 1:200-400

IHC-F 1:100-500

IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

Restrictions:

For Research Use only

Handling

Format:

Liquid

Concentration:

 $1 \mu g/\mu L$

Buffer:

0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative:

ProClin

Precaution of Use:

This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months