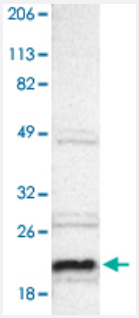
ALG13 polyclonal antibody

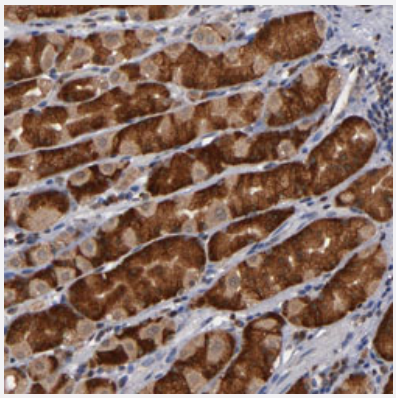
Catalog # PAB28600 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Human cell line RT-4 with ALG13 polyclonal antibody (Cat#PAB28600).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human stomach with ALG13 polyclonal antibody (Cat#PAB28600) shows strong cytoplasmic positivity in glandular cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant ALG13.
Immunogen	Recombinant protein corresponding to amino acids of human ALG13.
Sequence	VGTTSFDDLIACVSAPDSLQKIESLGYNRLILQIGRGTVVPEPFSTESFTLDVYRYKDSLKEDIQKAD LVISHAGAGSCLETLEKGKPLVVVINEKLMNNHQLELAKQLHKEGHLFYCTCSTLPGLLQSMDLST LKCYPPG
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:100-1:250) Immunohistochemistry (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of Human cell line RT-4 with ALG13 polyclonal antibody (Cat#PAB28600).

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Gene Info — ALG13

Entrez GeneID	79868
Protein Accession#	Q9NP73
Gene Name	ALG13
Gene Alias	CXorf45, FLJ23018, GLT28D1, MDS031, MGC12423, YGL047W
Gene Description	asparagine-linked glycosylation 13 homolog (S. cerevisiae)
Gene Ontology	Hyperlink
Gene Summary	Asparagine (N)-glycosylation is an essential modification that regulates protein folding and stabilit y. ALG13 and ALG14 (MIM 612866) constitute the UDP-GlcNAc transferase, which catalyzes a k ey step in endoplasmic reticulum N-linked glycosylation (Averbeck et al., 2007 [PubMed 1768676 9]).[supplied by OMIM

Other Designations	OTTHUMP00000062812|OTTHUMP00000176862|asparagine-linked glycosylation 13 homolog|glycosyltransferase 28 domain containing 1|hematopoietic stem/progenitor cells protein MDS031

Pathway

- Metabolic pathways
- N-Glycan biosynthesis