

Rabbit anti-Human, Mouse ALG2 Polyclonal Antibody | anti-ALG2 antibody

ALG2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280487	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

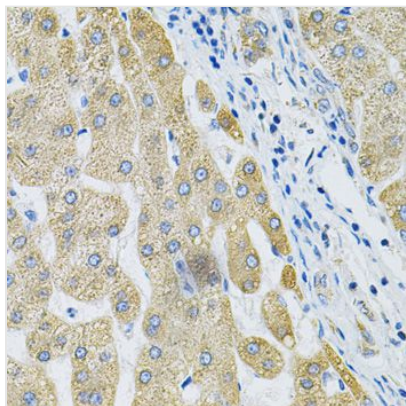
PRODUCT SYNONYMS

ALG2; Polyclonal Antibody; ALG2 Polyclonal Antibody; anti-ALG2 antibody

PRODUCT SPECIFICATIONS

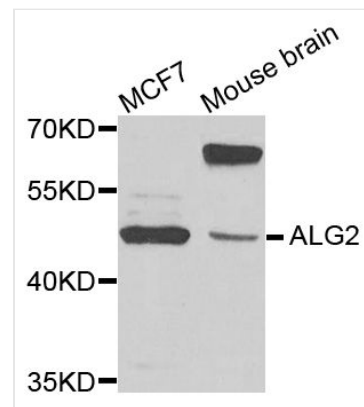
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	323
Applicable Applications for anti-ALG2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human ALG2
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using ALG2 Antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ALG2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-ALG2 antibody	This gene encodes a member of the glycosyltransferase 1 family. The encoded protein acts as an alpha 1,3 mannosyltransferase, mannosylating Man(2)GlcNAc(2)-dolichol diphosphate and Man(1)GlcNAc(2)-dolichol diphosphate to form Man(3)GlcNAc(2)-dolichol diphosphate. Defects in this gene have been associated with congenital disorder of glycosylation type 1h (CDG-1h). Alternative splicing results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14861836
NCBI GeneID	85365
NCBI Accession #	NP_149078.1
NCBI GenBank Nucleotide #	NM_033087.3
UniProt Accession #	Q9H553; Q8NBX2; Q8NC39; A2A2Y0
Molecular Weight	47kDa
NCBI Official Full Name	alpha-1,3/1,6-mannosyltransferase ALG2
NCBI Official Synonym Full Names	ALG2, alpha-1,3/1,6-mannosyltransferase
NCBI Official Symbol	ALG2
NCBI Official Synonym Symbols	CDGII; CMS14; NET38; CMSTA3; HALPG2
NCBI Protein Information	alpha-1,3/1,6-mannosyltransferase ALG2
UniProt Protein Name	Alpha-1,3/1,6-mannosyltransferase ALG2
UniProt Gene Name	ALG2
UniProt Entry Name	ALG2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/alg2-antibody-immunohistochemistry-western-blot-elisa/280487>