

## ALG2

**Reactivity:**Human Mouse

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**47kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human ALG2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

CDGII; CMS14; NET38; CMSTA3; hALPG2;

**Catalog #:**A7843

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**85365

**Isotype:**IgG

**Swiss Prot:**Q9H553

**Purity:**Affinity purification

For research use only.

**Background:**

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 I<sub>h</sub> (CDG-I<sub>h</sub>). Alternative splicing results in multiple transcript variants.

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