

# ALG1 Rabbit pAb

Catalog No.: A7818

## Basic Information

### Observed MW

60kDa

### Calculated MW

53kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

The enzyme encoded by this gene catalyzes the first mannosylation step in the biosynthesis of lipid-linked oligosaccharides. This gene is mutated in congenital disorder of glycosylation type Ik.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

56052

### Swiss Prot

Q9BT22

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 215-464 of human ALG1 (NP\_061982.3).

### Synonyms

HMT1; MT-1; CDG1K; HMAT1; HMT-1; Mat-1; hMat-1; ALG1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

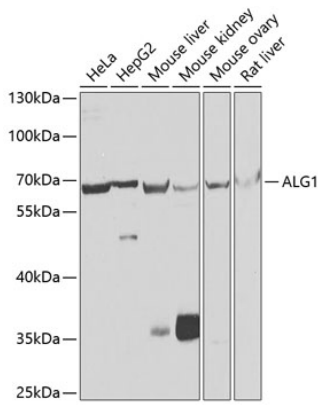
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using ALG1 antibody (A7818) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.