

## ABO

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

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

**Calculated MW:**40kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human ABO

**Storage Buffer:**

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

**Synonym:**

GTB; NAGAT; A3GALNT; A3GALT1;

**Catalog #:**A1586

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**28

**Isotype:**IgG

**Swiss Prot:**P16442

**Purity:**Affinity purification

For research use only.

**Background:**

This gene encodes proteins related to the first discovered blood group system, ABO. Which allele is present in an individual determines the blood group. The 'O' blood group is caused by a deletion of guanine-258 near the N-terminus of the protein which results in a frameshift and translation of an almost entirely different protein. Individuals with the A, B, and AB alleles express glycosyltransferase activities that convert the H antigen into the A or B antigen. Other minor alleles have been found for this gene. [provided by RefSeq, Jul 2008]

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