

ABO

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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