

ABO Antibody

Catalog No: #32328

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Description

Product Name	ABO Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total ABO protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human ABO.
Target Name	ABO
Other Names	GTB; NAGAT; A3GALNT; A3GALT1;
Accession No.	Swiss-Prot:P16442NCBI Gene ID:28
SDS-PAGE MW	40KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

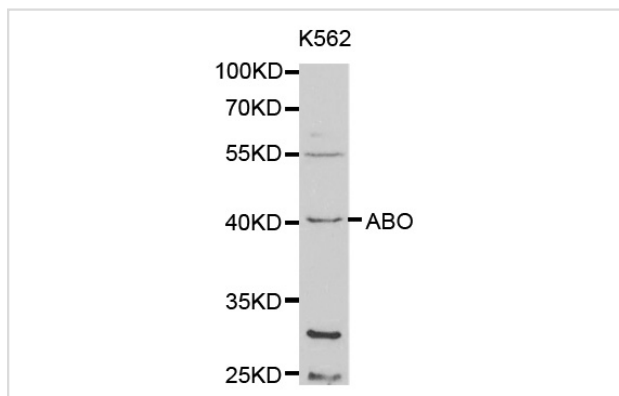
Application Details

Western blotting: 1:500 - 1:2000

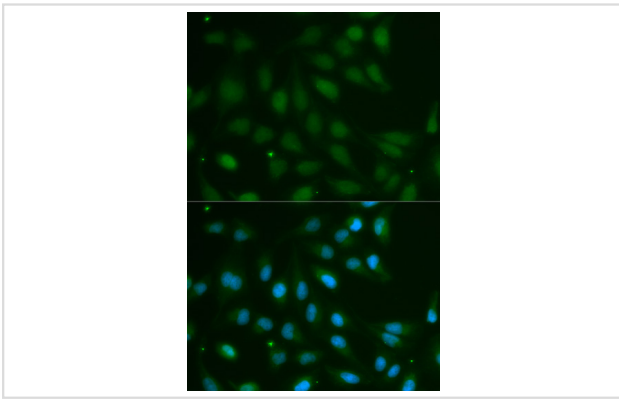
Immunohistochemistry: 1:50 - 1:100

Immunofluorescence: 1:50 - 1:200

Images



Western blot analysis of extracts of K562 cell lines, using ABO antibody.



Immunofluorescence analysis of MCF7 cell using ABO antibody. Blue: DAPI for nuclear staining.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.