

## ABO Antibody

Catalog No: #32328

Package Size: #32328-1 50ul #32328-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

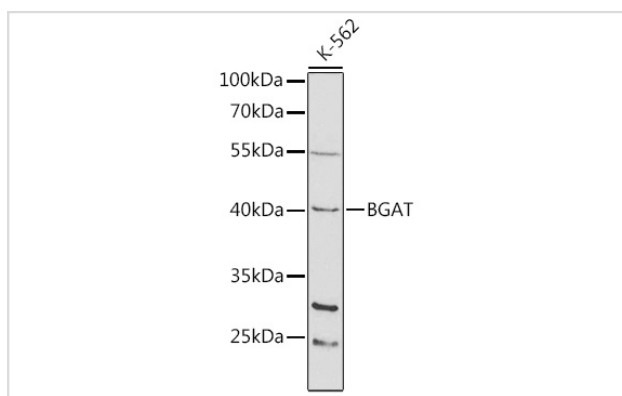
## Description

Product Name	ABO Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total ABO protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human BGAT (NP_065202.2).
Target Name	ABO
Other Names	ABO;A3GALNT;A3GALT1;GTB;NAGAT
Accession No.	Uniprot:P16442GeneID:28
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GeneID	28
SDS-PAGE MW	41kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

## Application Details

WB 1:500 - 1:2000 IHC 1:50 - 1:200

## Images



Western blot analysis of extracts of K-562 cells, using BGAT antibody.

## Background

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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.

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Note: This product is for in vitro research use only