

NAGAT antibody

Catalog No: #22953

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Description

Product Name	NAGAT antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 95 and 309 of Human ABO
Target Name	NAGAT
Accession No.	NCBI Gene ID: 28NCBI mRNA#: BC069595NCBI Protein#: AAH69595
Uniprot	P16442
GeneID	28;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 20% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

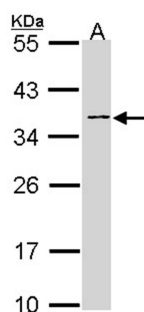
Application Details

Predicted MW: 41kd

Western blotting: 1:500-1:3000

Immunofluorescence: 1:100-1:200

Images

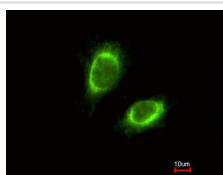


Sample (30 ug of whole cell lysate)

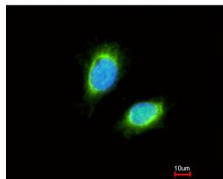
A: HeLa

10% SDS PAGE

Primary antibody diluted at 1: 1000



Costained with Hoechst 33342



Immunofluorescence analysis of methanol-fixed HeLa, using ABO antibody at 1: 200 dilution.

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]

Note: This product is for in vitro research use only