

Rabbit ABO Polyclonal Antibody | anti-ABO antibody

ABO Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37062	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

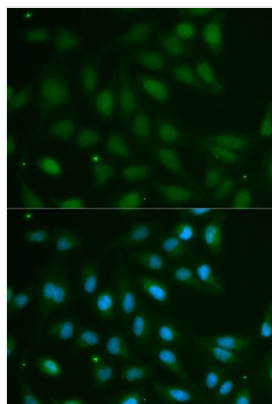
PRODUCT SYNONYMS

ABO; Polyclonal Antibody; ABO Polyclonal Antibody; GTB; NAGAT; A3GALNT; A3GALT1; anti-ABO antibody

PRODUCT SPECIFICATIONS

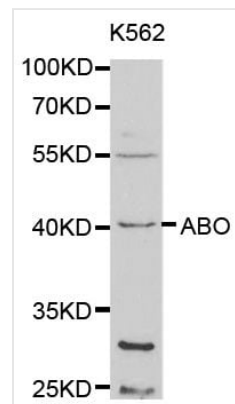
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	354
Applicable Applications for anti-ABO antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human ABO
Calculated Molecular Weight	40kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using ABO antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of K-562 cells, using ABO antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-ABO antibody	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]
Product Categories/Family for anti-ABO antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	114949
NCBI GeneID	28
UniProt Accession #	P16442; O14758; Q14490; Q53I57; Q6ISD4; Q6KFZ2; Q70V27; Q99484; Q99485; Q9NY01; Q9UQ68; B0JDB9
Molecular Weight	354
NCBI Official Full Name	Histo-blood group ABO system transferase
NCBI Official Synonym Full Names	ABO blood group (transferase A, alpha 1-3-N-acetylgalactosaminyltransferase; transferase B, alpha 1-3-galactosyltransferase)
NCBI Official Symbol	ABO
NCBI Official Synonym Symbols	GTB; NAGAT; A3GALNT; A3GALT1
NCBI Protein Information	histo-blood group ABO system transferase; ABO weak transfer; ABO A3 transferase; ABO glycosyltransferase; histo-blood group A transferase; histo-blood group B transferase; histo-blood group A2 transferase; B(A) alpha-1,3-galactosyltransferase; fucosylglycoprotein 3-alpha-galactosyltransferase; fucosylglycoprotein alpha-N-acetylgalactosaminyltransferase; glycoprotein-fucosylgalactoside alpha-galactosyltransferase; glycoprotein-fucosylgalactoside alpha-N-acetylgalactosaminyltransferase
UniProt Protein Name	Histo-blood group ABO system transferase
UniProt Gene Name	ABO
UniProt Synonym Gene Names	A transferase; B transferase
UniProt Entry Name	BGAT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/abo-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/37062>