10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Abo antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI13041

Product Information

Application	WB
Primary Accession	P38649
Other Accession	NM_030718, NP_109643
Reactivity	Human, Rat
Predicted	Human, Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38777

Additional Information

Gene ID	80908
Alias Symbol	NAGAT
Other Names	Histo-blood group ABO system transferase, Cis-AB transferase, Fucosylglycoprotein 3-alpha-galactosyltransferase, Fucosylglycoprotein alpha-N-acetylgalactosaminyltransferase, Glycoprotein-fucosylgalactoside alpha-N-acetylgalactosaminyltransferase, 2.4.1.40, Glycoprotein-fucosylgalactoside alpha-galactosyltransferase, 2.4.1.37, Histo-blood group A transferase, A transferase, Histo-blood group B transferase, B transferase, NAGAT, Abo
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Abo antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Abo antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

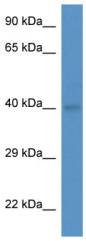
Name	Abo
Function	Catalyzes the transfer of N-acetyl-alpha-D-galactosamine (GalNAc) or galactose (Gal) in an alpha1,3 linkage to the terminal Gal of H antigens to form A and B antigens.
Cellular Location	Golgi apparatus, Golgi stack membrane; Single- pass type II membrane

	protein. Secreted. Note=Membrane-bound form in trans cisternae of Golgi. Secreted into the body fluid (By similarity)
Tissue Location	Submaxillary glands (at protein level).

References

Yamamoto M.,et al.J. Biol. Chem. 276:13701-13708(2001).
Carninci P.,et al.Science 309:1559-1563(2005).
Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Merrick B.A.,et al.Electrophoresis 15:735-745(1994).

Images



WB Suggested Anti-Abo Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Spleen

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.