

BGAT Antibody
Rabbit mAb
Catalog # AP92465

Specification

BGAT Antibody - Product Information

Application	WB, IP
Primary Accession	P16442
Reactivity	Rat
Clonality	Monoclonal
Other Names	
GTB; NAGAT; A3GALNT; A3GALT1;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	40934 Da

BGAT Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human BGAT
Description	This protein is the basis of the ABO blood group system. The histo-blood group ABO involves three carbohydrate antigens: A, B, and H. A, B, and AB individuals express a glycosyltransferase activity that converts the H antigen to the A antigen (by addition of UDP-GalNAc) or to the B antigen (by addition of UDP-Gal), whereas O individuals lack such activity.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

BGAT Antibody - Protein Information

Name ABO

Function

This protein is the basis of the ABO blood group system. The histo-blood group ABO involves three carbohydrate antigens: A, B, and H. A, B, and AB individuals express a glycosyltransferase activity that converts the H antigen to the A antigen (by addition of UDP-GalNAc) or to the B antigen (by addition of UDP-Gal), whereas O individuals lack such activity.

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

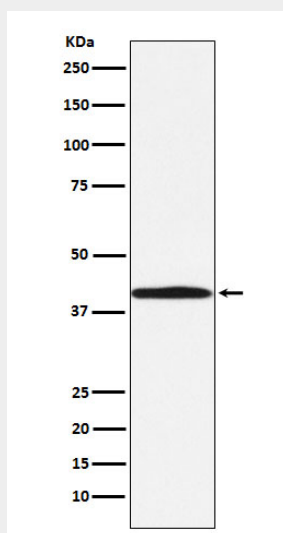
Tissue Location

Expressed at high levels in testis. Also expressed in pancreas, uterus and lung and salivary gland

BGAT Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BGAT Antibody - Images

Western blot analysis of BGAT expression in 293T cell lysate.