

**BGAT Antibody**  
**Rabbit mAb**  
**Catalog # AP92465****Specification**

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**BGAT Antibody - Product Information**

Application	WB, IP
Primary Accession	<a href="#">P16442</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
GTB; NAGAT; A3GALNT; A3GALT1;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	40934 Da

**BGAT Antibody - Additional Information**

Dilution	WB~~1:1000 IP~~N/A
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

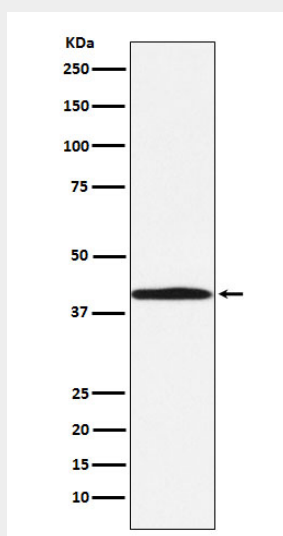
**Tissue Location**

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.