

B3GAT1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein within human B3GAT1 aa 130-334/334 (Lumenal)
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	TBS, pH 7.4, with 50% glycerol, 0.2% BSA
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2913519

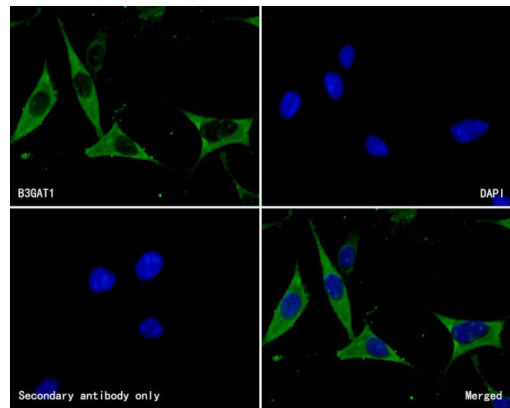
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100	-
Immunocytochemistry (ICC/IF)	1:50-1:100	-
Flow Cytometry (Flow)	1:100-1:500	-

Product Specific Information

Positive Control: Rat brain tissue lysates, mouse brain tissue, SH-SY5Y.

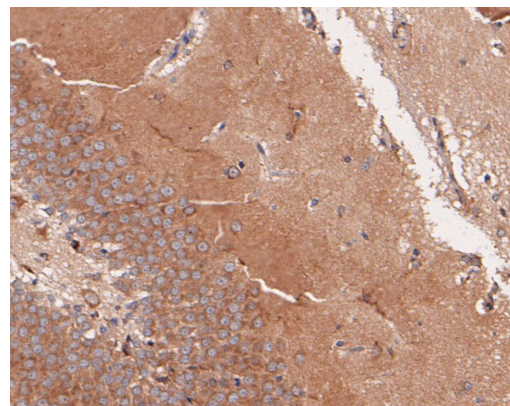
Subcellular Location: Secreted, golgi apparatus membrane, endoplasmic reticulum membrane.

Product Images For B3GAT1 Polyclonal Antibody



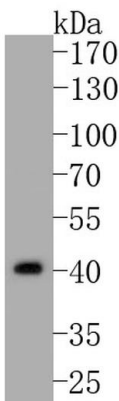
B3GAT1 Antibody (PA5-119947) in ICC/IF

Immunocytochemistry-Immunofluorescence analysis of B3GAT1 in SH-SY5Y cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 10% negative goat serum for 15 minutes at room temperature. Cells were probed with B3GAT1 Polyclonal Antibody (Product # PA5-119947) at a dilution of 1:50 for 1 hour at room temperature, washed with PBS. Alexa Fluor 488 conjugate-Goat anti-Rabbit IgG was used as the secondary antibody at 1:1,000 dilution. The nuclear counter stain is DAPI (blue).



B3GAT1 Antibody (PA5-119947) in IHC (P)

Immunohistochemistry (Paraffin) analysis of paraffin-embedded mouse brain tissue using B3GAT1 Polyclonal Antibody (Product # PA5-119947). The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the B3GAT1 antibody at a dilution of 1:50 for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



B3GAT1 Antibody (PA5-119947) in WB

Western blot analysis of B3GAT1 on rat brain tissue lysates. Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. B3GAT1 Polyclonal Antibody (Product # PA5-119947) at 1:500 was used in 5% NFDm/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature..

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