

Datasheet for ABIN390896
anti-GNPAT antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	400 µL
Target:	GNPAT
Binding Specificity:	AA 654-680, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNPAT antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This GNPAT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 654-680 amino acids from the C-terminal region of human GNPAT.
Clone:	RB21213
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GNPAT
Alternative Name:	GNPAT (GNPAT Products)

Target Details

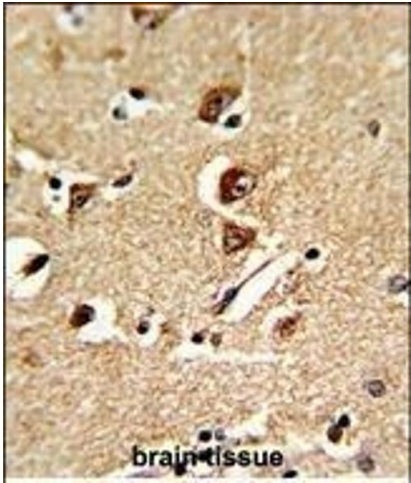
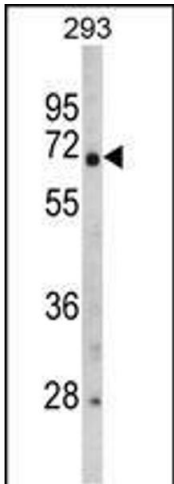
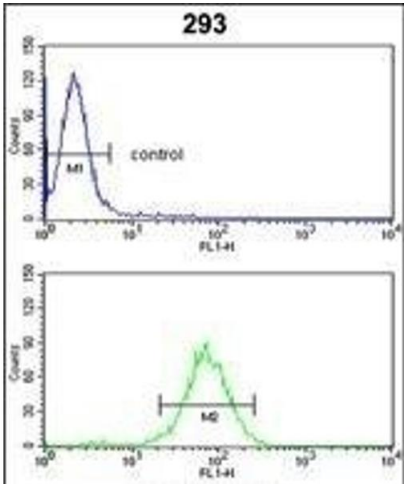
Background:	GNPAT is an enzyme located in the peroxisomal membrane which is essential to the synthesis of ether phospholipids.
Molecular Weight:	77188
Gene ID:	8443
NCBI Accession:	NP_055051
UniProt:	O15228
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. GNT Antibody (C-term) (ABIN390896 and ABIN2841103) flow cytometric analysis of 293 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of GNT Antibody (C-term) (ABIN390896 and ABIN2841103) in 293 cell line lysates (35 µg/lane). GNT (arrow) was detected using the purified b.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human brain tissue reacted with GNT Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.