

Rabbit anti-Human GNPAT Polyclonal Antibody | anti-GNPAT antibody

GNPAT Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286916	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

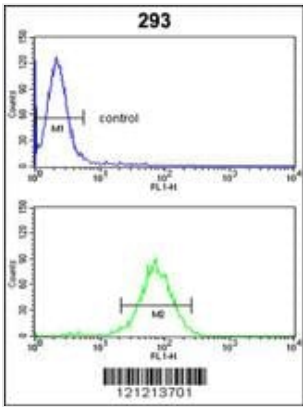
PRODUCT SYNONYMS

GNPAT; Polyclonal Antibody; GNPAT Antibody (C-term); Dihydroxyacetone phosphate acyltransferase; DAP-AT; DHAP-AT; Acyl-CoA:dihydroxyacetonephosphateacyltransferase; Glycerone-phosphate O-acyltransferase; DAPAT; DHAPAT; anti-GNPAT antibody

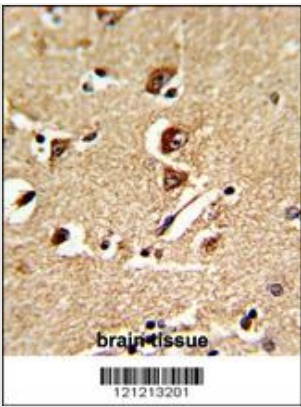
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.46 (varies by lot)
Sequence Positions	654-680
Sequence Length	680
Applicable Applications for anti-GNPAT antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

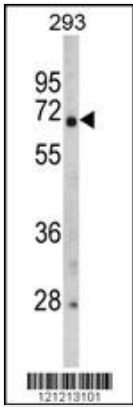
IMAGES



FCM/FACS (Flow Cytometry)
GNPAT Antibody (C-term) 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.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with GNPAT 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.



WB (Western Blot)
Western blot analysis of GNPAT Antibody (C-term) in 293 cell line lysates (35ug/lane). GNPAT (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-GNPAT antibody	GNPAT is an enzyme located in the peroxisomal membrane which is essential to the synthesis of ether phospholipids.
Product Categories/Family for anti-GNPAT antibody	Cancer; Cardiovascular; Developmental Biology; Metabolism; Signal Transduction
References	Ofman,R., et.al., Biochem. Biophys. Res. Commun. 281 (3), 754-760 (2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657134
NCBI GeneID	8443
NCBI Accession #	NP_055051.1
NCBI GenBank Nucleotide #	NM_014236.3
UniProt Accession #	O15228; Q5TBH7; Q9BWC2; B4DNM9
Molecular Weight	77188
NCBI Official Full Name	dihydroxyacetone phosphate acyltransferase

NCBI Official Synonym Full Names	glyceronephosphate O-acyltransferase
NCBI Official Symbol	GNPAT
NCBI Official Synonym Symbols	DAPAT; DAP-AT; DHAPAT
NCBI Protein Information	dihydroxyacetone phosphate acyltransferase
UniProt Protein Name	Dihydroxyacetone phosphate acyltransferase
UniProt Gene Name	GNPAT
UniProt Synonym Gene Names	DAPAT; DHAPAT; DAP-AT; DHAP-AT
UniProt Entry Name	GNPAT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gnpat-antibody-immunohistochemistry-western-blot-flow-cytometry-elisa/286916>