

Product datasheet for **AP21060PU-S**

GNPAT Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western blot: 1/500 - 1/1000. Immunohistochemistry on paraffin sections 1/50 - 1/200.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	This antibody detects endogenous levels of GNPAT protein. (region surrounding Phe365)
Formulation:	Phosphate buffered saline (PBS), pH 7.2. State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.05% sodium azide
Concentration:	1.0 mg/ml
Purification:	Affinity chromatography (> 95% (by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~ 77 kDa
Gene Name:	glyceronephosphate O-acyltransferase
Database Link:	Entrez Gene 8443 Human O15228
Background:	GNPAT is a key enzyme located in the peroxisomal membrane which is essential to the synthesis of ether phospholipids. Mutations in GNPAT are associated with rhizomelic chondrodysplasia punctata type 2, which is characterized by rhizomelic shortening of femur and humerus, vertebral disorders, cataract, cutaneous lesions and severe mental retardation.
Synonyms:	DHAPAT, Dihydroxyacetone phosphate acyltransferase

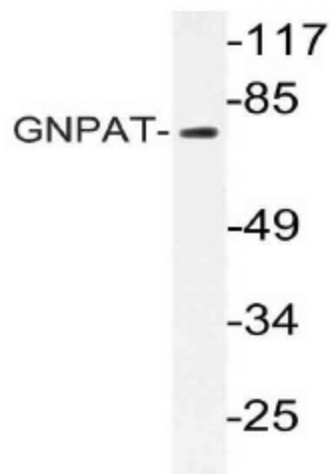


[View online »](#)

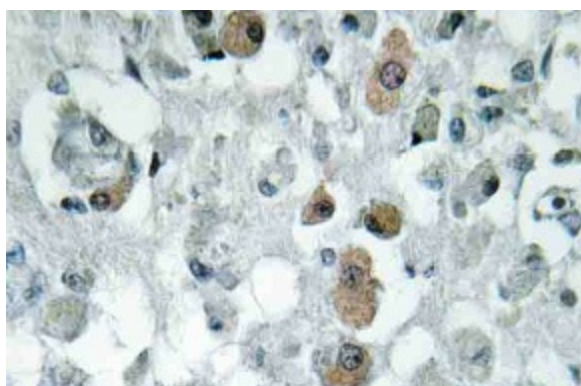
Protein Families: Druggable Genome

Protein Pathways: Glycerophospholipid metabolism

Product images:



Western blot (WB) analysis of GNPAT antibody (Cat.-No.: [AP21060PU-N]) in extracts from HT-29 cells.



Immunohistochemistry (IHC) analyzes of GNPAT antibody (Cat.-No.: [AP21060PU-N]) in paraffin-embedded human brain tissue.