

## GNPAT Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP03633
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GNPAT. AA range:231-280
<b>Mol wt</b>	77188
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	GNPAT Antibody
<b>Synonyms</b>	GNPAT; DAPAT; DHAPAT; Dihydroxyacetone phosphate acyltransferase; DAP-AT; DHAP-AT; Acyl-CoA:dihydroxyacetonephosphateacyltransferase; Glycerone-phosphate O-acyltransferase

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

GNPAT (glyceronephosphate O-acyltransferase) encodes an enzyme located in the peroxisomal membrane which is essential to the synthesis of ether phospholipids. Mutations in GNPAT are associated with rhizomelic chondrodysplasia punctata. Two transcript variants encoding different isoforms have been found for GNPAT.

### Recommended Dilution

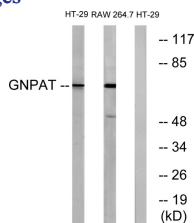
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

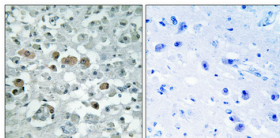
ELISA: 1: 20000

Not yet tested in other applications.

### Images



Western blot analysis of lysates from HT-29 and RAW264.7 cells, using GNPAT Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.

### Storage

-20°C for one year

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