

Datasheet for ABIN709106
anti-GNPAT antibody (AA 201-300)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	GNPAT
Binding Specificity:	AA 201-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNPAT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GNPAT
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	GNPAT
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Target Details

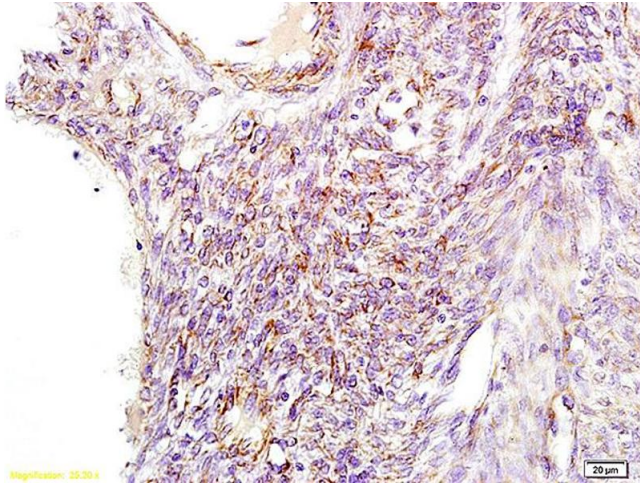
Alternative Name:	GNPAT (GNPAT Products)
Background:	<p>Synonyms: DAPAT, DAP-AT, DHAPAT, Dihydroxyacetone phosphate acyltransferase, DHAP-AT, Acyl-CoA:dihydroxyacetonephosphateacyltransferase, Glycerone-phosphate O-acyltransferase, GNPAT</p> <p>Background: GNPAT is a key enzyme located in the peroxisomal 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.</p>
Gene ID:	8443
UniProt:	O15228
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human cervical carcinoma tissue labeled with Anti GNPAT Polyclonal Antibody, Unconjugated (ABIN709106) at 1:100 followed by conjugation to the secondary antibody and DAB staining.