

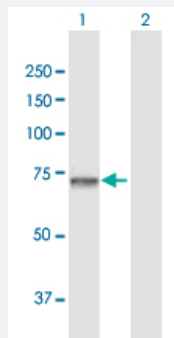
MaxPab®

GNPAT purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00008443-D01P

Size 100 ug

Applications

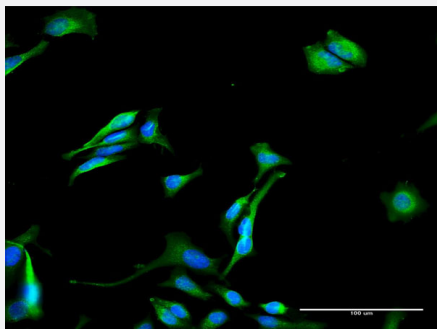


Western Blot (Transfected lysate)

Western Blot analysis of GNPAT expression in transfected 293T cell line ([H00008443-T02](#)) by GNPAT MaxPab polyclonal antibody.

Lane 1: GNPAT transfected lysate(77.20 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to GNPAT on HeLa cell. [antibody concentration 30 ug/ml]

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human GNPAT protein.

Immunogen

GNPAT (NP_055051.1, 1 a.a. ~ 680 a.a) full-length human protein.

Sequence	MESSSSNSYFSVGPTSPSAVVLLYSKELKKWDEFEDILEERRHVSDLKFAMKCYTPLVYKGITP CKPIDIKCSVLNSEEIHVVIKQLSKESLQSVDLREEVSEILDEMSHKLRLGAIRFCAFTLSKVFKQIF SKVCVNEEGIQKLQRAIQEHPVVLLPSHRSYIDFLMLSFLLYNDLPVPVIAAGMDFLGMKMGVDEL LRMSGAFFMRRTFGGNKLYWAVFSEYVKTMLRNGYAPVEFFLEGTRSRSAKLTLPKFGLLNIVME PFFKREVFDTYLPISISYDKILEETLYVYELLGVPKPKESTTGLLKARKILSENFSGSIHVYFGDPVSL RSLAAGRMSRSSYNLVPRIYQKQSEDMHAFVTEVAYKMELLQIENMVLSPWTLVAVLLQNRPS MDFDALVEKTLWLKGLTQAFGGFLWPDNKPAAEVVPASILLHSNIASLVKDQVILKVDSGDSEVV DGLMLQHITLLMCSAYRNQLLNIFVRPSLVAVALQMTPGFRKEDVYSCFRFLRDVFADEFIFLPGN TLKDFEEGCYLLCKSEAIQVTTKDILVTEKGNTVLEFLVGLFKPFVESYQIICKYLLSEEDHFSEEQ YLA AVRKFTSQLDQGTSCYDVLSSDVQKNALAACVRLGVVEKKKINNNCIFNVNEPATTKLEE MLGCKTPIGKPATAKL
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (82)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to GNPAT on HeLa cell. [antibody concentration 30 ug/ml]

Gene Info — GNPAT

Entrez GeneID	8443
GeneBank Accession#	NM_014236.2
Protein Accession#	NP_055051.1

Gene Name	GNPAT
Gene Alias	DAP-AT, DAPAT, DHAPAT
Gene Description	glyceronephosphate O-acyltransferase
Omim ID	222765 602744
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme located in the peroxisomal membrane which is essential to the synthesis of ether phospholipids. Mutations in this gene are associated with rhizomelic chondrodysplasia punctata. [provided by RefSeq]
Other Designations	OTTHUMP00000036147 acyl-CoA: dihydroxyacetonephosphate acyltransferase glycerone-phosphate O-acyltransferase

Pathway

- [Glycerophospholipid metabolism](#)

Disease

- [Attention](#)
- [Genetic Predisposition to Disease](#)
- [Neuropsychological Tests](#)
- [Schizophrenia](#)