

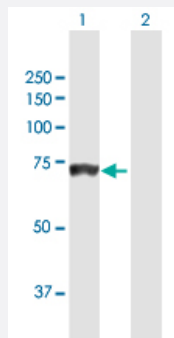
MaxPab®

GNPAT MaxPab rabbit polyclonal antibody (D01)

Catalog # H00008443-D01

Size 100 uL

Applications

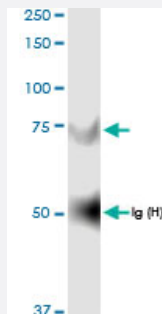


Western Blot (Transfected lysate)

Western Blot analysis of GNPAT expression in transfected 293T cell line ([H00008443-T01](#)) by GNPAT MaxPab polyclonal antibody.

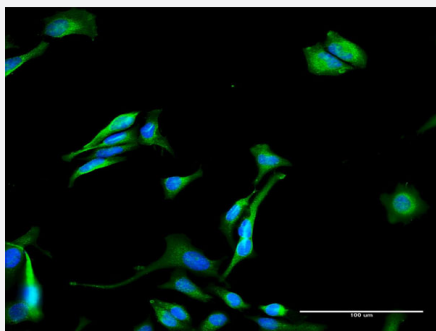
Lane 1: GNPAT transfected lysate(77.20 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of GNPAT transfected lysate using anti-GNPAT MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with GNPAT MaxPab rabbit polyclonal antibody (D01) ([H00008443-D01](#)).



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	MESSSSSNSYFSVGPTSPSAVVLLYSKELKKWDEFEDILEERRHVSDLKFAMKCYTPLVYKGITP CKPIDIKCSVLNSEEIHVYIKQLSKESLQSVDLREEVSEILDEMSHKLRLGAIRFCAFTLSKVFKQIF SKVCVNEEGIQKLQRAIQEHPVVLLPSHRSYIDFLMLSFLLYNDLPVPVIAAGMDFLGMKMGEL LRMSGAFFMRRTFGGNKLYWAVFSEYVKTMLRNGYAPVEFFLEGTRSRSAKTLTPKFGLLNVM PFFKREVFDTYLPISISYDKILEETLYYELLGVPKPKESTTGLLKARKILSENFSGIHVYFGDPVSL RSLAAGRMSRSSYNLVPRYPQKQSEDMHAFVTEVAYKMELLQIENMVLSPWTLVAVLLQNRPS MDFDALVEKTLWLKGLTQAFGGFLWPDNKPAAEVPASILLHSNIASLVKDQVILKVDSGDSEVV DGLMLQHITLLMCSAYRNQLLNIFVRPSLVAVALQMTPGFRKEDVYSCFRFLRDVFADEFIFLPGN TLKDFEEGCYLLCKSEAIQVTTKDILVTEKGNTVLEFLVGLFKPFVESYQIICKYLLSEEDHFSEEQ YLA AVRKFTSQLLDQGTSCQCYDVLSSDVQKNALAACVRLGVVEKKKINNNCIFNVNEPATTKLEE MLGCKTPIGKPATAKL
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (82)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

- Immunoprecipitation

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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](#)