

产品名称: GNPAT Rabbit Polyclonal Antibody
产品货号: APRab11564



产品概述 (Summary)

产品名称 (Production Name)	GNPAT Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	GNPAT GNPAT; DAPAT; DHAPAT; Dihydroxyacetone phosphate acyltransferase; DAP-
别名 (Alternative Names)	AT; DHAP-AT; Acyl-CoA:dihydroxyacetonephosphateacyltransferase; Glycerone-phosphate O-acyltransferase
基因 ID (Gene ID)	8443.0
蛋白 ID (SwissProt ID)	O15228.The antiserum was produced against synthesized peptide derived from human GNPAT. AA range:231-280

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	77kDa

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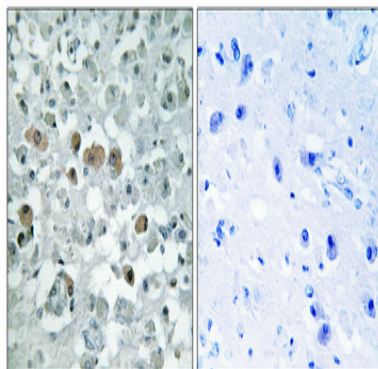
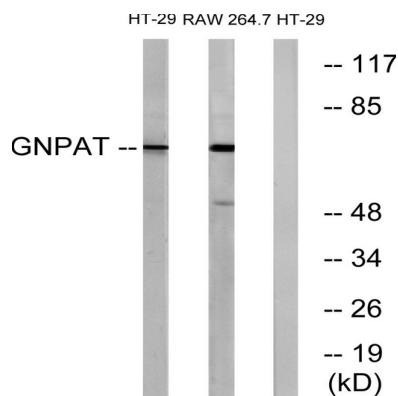
研究背景 (Background)

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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2015], catalytic activity: Acyl-CoA + glycerone phosphate = CoA + acylglycerone phosphate., disease: Defects in GNPAT are the cause of rhizomelic chondrodysplasia punctata type 2 (RCDP2) [MIM:222765]. RCDP2 is characterized by rhizomelic shortening of femur and humerus, vertebral disorders, cataract, cutaneous lesions and severe mental retardation., domain: The HXXXXD motif is essential for acyltransferase activity and may constitute the binding site for the phosphate moiety of the glycerol-3-phosphate., pathway: Membrane lipid metabolism; glycerophospholipid metabolism., similarity: Belongs to the GPAT/DAPAT family., subcellular location: Exclusively localized to the luminal side of the peroxisomal membrane., subunit: May be part of an heterotrimeric complex composed of DAP-AT, ADAP-S and a modified form of DAP-AT.,

研究领域 (Research Area)

Glycerophospholipid metabolism;

图片 (Image Data)



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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) obtaned from antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .