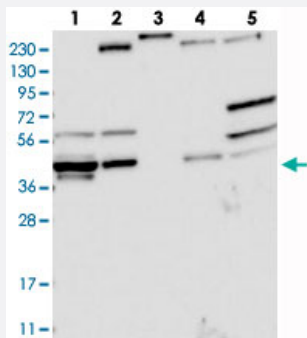


AGPAT9 polyclonal antibody

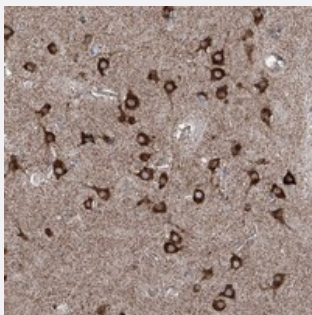
Catalog # PAB22285 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with AGPAT9 polyclonal antibody (Cat # PAB22285).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human lateral ventricle with AGPAT9 polyclonal antibody (Cat # PAB22285) shows strong cytoplasmic positivity in neuronal cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant AGPAT9.
Immunogen	Recombinant protein corresponding to amino acids of human AGPAT9.
Sequence	ILVKTLEWATIRIEKGTPKESILKNSASVGIQRDESPMEKGLSGLRGRDFELSDVFYFSKKGLEAV EDEVTQRFSSSEELVSWNLLTRTN
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:500-1:1000) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with AGPAT9 polyclonal antibody (Cat # PAB22285).

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Gene Info — AGPAT9

Entrez GeneID	84803
Protein Accession#	Q53EU6
Gene Name	AGPAT9
Gene Alias	AGPAT8, GPAT3, HMFN0839, LPAAT-theta, MAG1, MGC11324
Gene Description	1-acylglycerol-3-phosphate O-acyltransferase 9
Omim ID	610958
Gene Ontology	Hyperlink
Gene Summary	Glycerol-3-phosphate (G3P) acyltransferases (GPAT; EC 2.3.1.15), such as GPAM (MIM 602395) and GPAT3, catalyze the initial step of de novo triacylglycerol (TAG) synthesis by converting glycerol-3-phosphate (G3P) to lysophosphatidic acid (LPA) (Cao et al., 2006 [PubMed 17170135]).[s applied by OMIM

Other Designations

1-acylglycerol-3-phosphate O-acyltransferase 8|OTTHUMP00000160987|lung cancer metastasis-associated protein|lysophosphatidic acid acyltransferase theta|lysophosphatidic acid acyltransferase, theta
