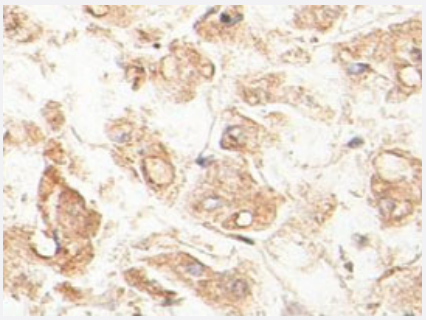
ACAA1 polyclonal antibody

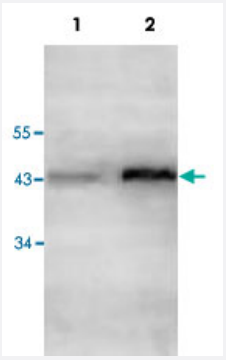
Catalog # PAB18826 Size 100 ug

Applications



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

Immunohistochemical staining of formalin-fixed paraffin-embedded human fetal liver tissue showing cytoplasmic staining with ACAA1 polyclonal antibody (Cat # PAB18826) at 1 : 100 dilution.



Western Blot (Tissue lysate)

Western blot analysis of human fetal cartilage (Lane 1) and human fetal kidney (Lane 2) lysate with ACAA1 polyclonal antibody (Cat # PAB18826) at 1 : 500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant ACAA1.
Immunogen	Recombinant protein corresponding to amino acids 210-424 of human ACAA1.
Host	Rabbit
Reactivity	Human
Form	Liquid

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Recommend Usage	ELISA (1:10000-1:80000) Western Blot (1:200-1:1000) Immunohistochemistry (1:50-200) The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 0.02% sodium azide
Storage Instruction	Store at 4°C for three months. 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 shoul d be handled by trained staff only.

Applications

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

  Immunohistochemical staining of formalin-fixed paraffin-embedded human fetal liver tissue showing cytoplasmic staining with ACAA1 polyclonal antibody (Cat # PAB18826) at 1 : 100 dilution.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Tissue lysate)

  Western blot analysis of human fetal cartilage (Lane 1) and human fetal kidney (Lane 2) lysate with ACAA1 polyclonal antibody (Cat # PAB18826) at 1 : 500 dilution.

Gene Info — ACAA1

Entrez GeneID	30
Protein Accession#	NM_001607
Gene Name	ACAA1
Gene Alias	ACAA, PTHIO, THIO
Gene Description	acetyl-Coenzyme A acyltransferase 1
Omim ID	261515 604054
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme operative in the beta-oxidation system of the peroxisomes. Deficie ncy of this enzyme leads to pseudo-Zellweger syndrome. Alternative splicing results in multiple tra nscript variants. [provided by RefSeq

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Other Designations	peroxisomal 3-oxoacyl-Coenzyme A thiolase

Pathway

- Biosynthesis of unsaturated fatty acids
- Fatty acid metabolism
- Metabolic pathways
- PPAR signaling pathway
- Valine

Disease

- Anoxia
- Birth Weight
- Cardiovascular Diseases
- Diabetes Mellitus
- Diabetic Nephropathies
- Edema
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- Kidney Failure
- Leukemia
- Meningeal Neoplasms
- Meningioma

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