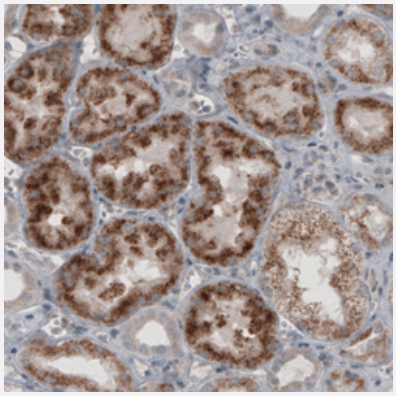
ACAA1 monoclonal antibody, clone CL2663

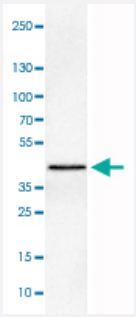
Catalog # MAB15766 Size 100 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with ACAA1 monoclonal antibody, clone CL2663 (Cat # MAB15766) shows granular cytoplasmic immunoreactivity in renal tubules.



Western Blot (Cell lysate)

Western Blot analysis of U-251 cell lysate with ACAA1 monoclonal antibody, clone CL2663 (Cat # MAB15766).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human ACAA1.
Immunogen	Recombinant protein corresponding to human ACAA1.
Epitope	This antibody binds to an epitope located within the peptide sequence SMSLADRGNP as determine d by overlapping synthetic peptides.
Sequence	VLKDVNLRPEQLGDICVGNVLQPGAGAIMARIAQFLSDIPETVPLSTVNRQCSSGLQAVASIAGGIR NGSYDIGMACGVESMSLADRGNPGNITSRLMEKEKARDCLIPMGITSENVAERFGISREKQ
Host	Mouse

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Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG1
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:500-1:1000) Western Blot (1:500-1:1000) 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 shoul d be handled by trained staff only.

Applications

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

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with ACAA1 monoclonal antibody, clone CL2663 (Cat # MAB15766) shows granular cytoplasmic immunoreactivity in renal tubules.

- Western Blot (Cell lysate)

  Western Blot analysis of U-251 cell lysate with ACAA1 monoclonal antibody, clone CL2663 (Cat # MAB15766).

Gene Info — ACAA1

Entrez GeneID	30
Protein Accession#	P09110
Gene Name	ACAA1
Gene Alias	ACAA, PTHIO, THIO
Gene Description	acetyl-Coenzyme A acyltransferase 1
Omim ID	261515 604054
Gene Ontology	Hyperlink

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Gene Summary	This gene encodes an enzyme operative in the beta-oxidation system of the peroxisomes. Deficiency of this enzyme leads to pseudo-Zellweger syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq
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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