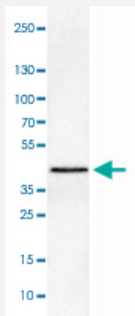


ACAA1 monoclonal antibody, clone CL2663

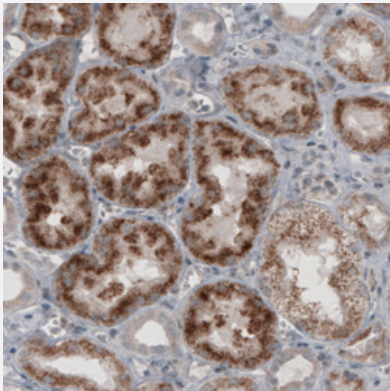
Catalog # MAB15766 Size 100 uL

Applications



Western Blot (Cell lysate)

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



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.

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 determined by overlapping synthetic peptides.
Sequence	VLKDVNLRPEQLGDICVGNVLQPGAGAIMARIAQFLSDIPETVPLSTVNRQCSSGLQAVASIAGGIR NGSYDIGMACGVESMSLADRGNPGNITSRLMEKEKARDCLIPMGITSENAERFGISREKQ
Host	Mouse

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 should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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

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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

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](#)