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ACATE2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant ACATE2.
Catalog # AT1020a

Product Information

Application	WB, IHC, IF, E
Primary Accession	Q9Y305
Other Accession	BC012573
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	4E5
Calculated MW	49902

Additional Information

Gene ID	23597
Other Names	Acyl-coenzyme A thioesterase 9, mitochondrial, Acyl-CoA thioesterase 9, 312-, Acyl-CoA thioester hydrolase 9, ACOT9
Target/Specificity	ACATE2 (AAH12573, 1 a.a. ~ 212 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	ACATE2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

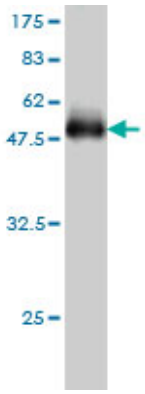
Background

The protein encoded by this gene is a mitochondrial acyl-CoA thioesterase of unknown function. Two transcript variants encoding different isoforms have been found for this gene.

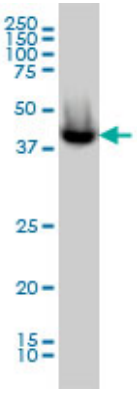
References

1.Proteomic Analysis of Left Ventricular Remodeling in an Experimental Model of Heart Failure.Cieniewski-Bernard C, Mulder P, Henry JP, Drobecq H, Dubois E, Pottiez G, Thuillez C, Amouyel P, Richard V, Pinet F.J Proteome Res. 2008 Nov 7;7(11):5004-5016. Epub 2008 Oct 16.

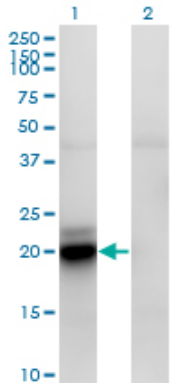
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (49.06 KDa) .

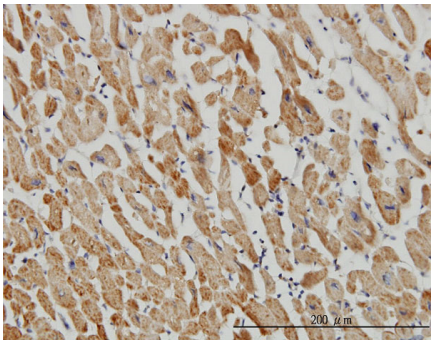


ACATE2 monoclonal antibody (M01), clone 4E4 Western Blot analysis of ACATE2 expression in MCF-7 ((Cat # AT1020a)



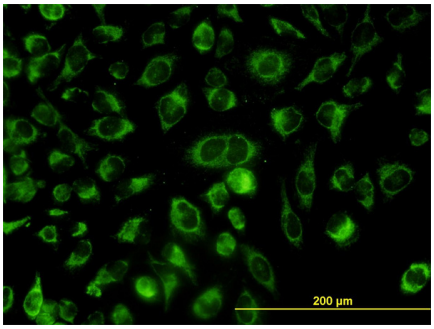
Western Blot analysis of ACOT9 expression in transfected 293T cell line by ACATE2 monoclonal antibody (M01), clone 4E4.

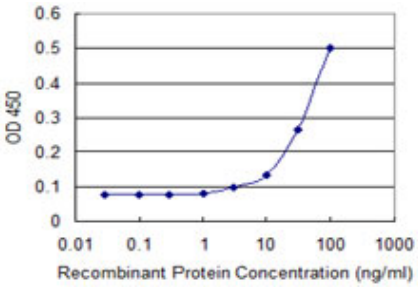
Lane 1: ACOT9 transfected lysate(24 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to ACOT9 on formalin-fixed paraffin-embedded human heart. [antibody concentration 3 ug/ml]

Immunofluorescence of monoclonal antibody to ACOT9 on HeLa cell. [antibody concentration 10 ug/ml]





Detection limit for recombinant GST tagged ACOT9 is approximately 3ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.