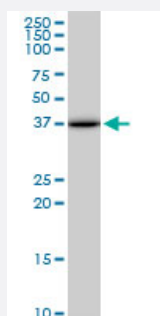


ACOT7 monoclonal antibody (M02), clone 1E7

Catalog # H00011332-M02

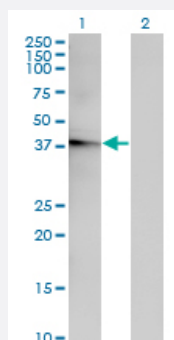
Size 100 ug

Applications



Western Blot (Cell lysate)

ACOT7 monoclonal antibody (M02), clone 1E7. Western Blot analysis of ACOT7 expression in Jurkat(Cat # L017V1).

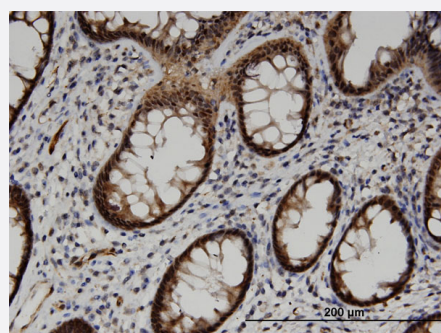


Western Blot (Transfected lysate)

Western Blot analysis of ACOT7 expression in transfected 293T cell line by ACOT7 monoclonal antibody (M02), clone 1E7.

Lane 1: ACOT7 transfected lysate (Predicted MW: 41.8 KDa).

Lane 2: Non-transfected lysate.

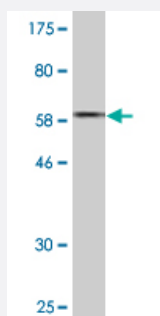
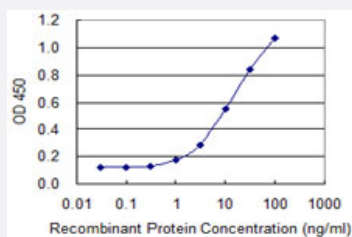


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ACOT7 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ACOT7 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (62.92 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant ACOT7.
Immunogen	ACOT7 (AAH17365, 1 a.a. ~ 338 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSGPDVETPSAIQICRIMRPDDANVAGNVHGGTILKMIEEAGAIISTRHCNSQNGERCVAALARVERTDFLSPMCIGEVAHVSAEITYTSKHSVEVQVNVMSENILTGAKKLTNKATLWYVPLSLKNVDKMLEVPPVVYSRQEQEEEGRKRYEAQKLERMETKWRNGDIVQVLPNPEPNTVSYSQSSLIHLVGPSDCTLHGFVHGGVTMKLMDDEVAGVAARHCKTNIVTASVDAINFHDKIRKGCVITISGRMTFTSNKSMEIEVLVDADPVVDSSQKRYRAASAFFTYVSLSQEGRSLPVPQLVPETEDEKKRFEEGKGRYLQMKAKRQGHAEPPQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (93)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (62.92 KDa) .
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

ACOT7 monoclonal antibody (M02), clone 1E7. Western Blot analysis of ACOT7 expression in Jurkat(Cat # L017V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ACOT7 expression in transfected 293T cell line by ACOT7 monoclonal antibody (M02), clone 1E7.

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[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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

Immunoperoxidase of monoclonal antibody to ACOT7 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]

[Protocol Download](#)

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Detection limit for recombinant GST tagged ACOT7 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ACOT7

Entrez GeneID	11332
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GeneBank Accession#	BC017365
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Protein Accession#	AAH17365
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Gene Name	ACOT7
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Gene Alias	ACH1, ACT, BACH, CTE-II, LACH, LACH1, MGC1126, hBACH
Gene Description	acyl-CoA thioesterase 7
Omim ID	602587
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the acyl coenzyme family. The encoded protein hydrolyzes the CoA thioester of palmitoyl-CoA and other long-chain fatty acids. Decreased expression of this gene may be associated with mesial temporal lobe epilepsy. Alternatively spliced transcript variants encoding distinct isoforms with different subcellular locations have been characterized. [provided by RefSeq]
Other Designations	OTTHUMP00000001410 OTTHUMP00000001413 OTTHUMP00000001414 acyl-CoA thioesterase 2 acyl-CoA thioesterase, long chain brain acyl CoA hydrolase brain acyl-CoA hydrolase cytosolic acyl coenzyme A thioester hydrolase long chain acyl-CoA thioester hydrolase

Pathway

- [Biosynthesis of unsaturated fatty acids](#)

Disease

- [Cerebral Hemorrhage](#)
- [Chronic Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Diseases](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)