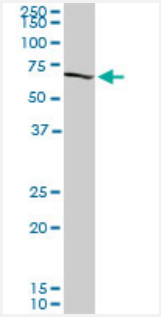
CROT monoclonal antibody (M01), clone 1A6

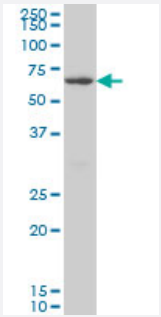
Catalog # H00054677-M01 Size 100 ug

Applications



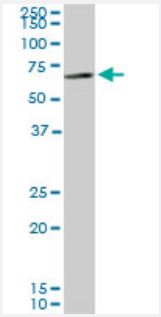
Western Blot (Cell lysate)

CROT monoclonal antibody (M01), clone 1A6. Western Blot analysis of CROT expression in NIH/3T3 (Cat # L018V1).



Western Blot (Cell lysate)

CROT monoclonal antibody (M01), clone 1A6 Western Blot analysis of CROT expression in HeLa (Cat # L013V1).



Western Blot (Cell lysate)

CROT monoclonal antibody (M01), clone 1A6. Western Blot analysis of CROT expression in Raw 264.7 (Cat # L024V1).

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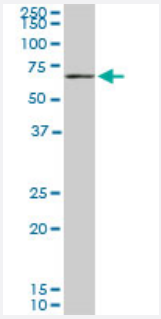
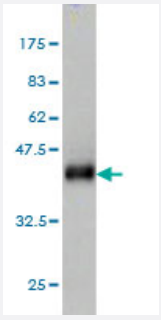


Western Blot (Cell lysate)

CROT monoclonal antibody (M01), clone 1A6. Western Blot analysis of CROT expression in PC-12 (Cat # L012V1).



Western Blot detection against Immunogen (36.52 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CROT.
Immunogen	CROT (NP_066974, 2 a.a. ~ 99 a.a) partial recombinant protein with GST tag. MW of the GST tag al one is 26 KDa.
Sequence	ENQLAKSTEERTFQYQDSLPSLPVPSLEESLKKYLESVKPFANQEEYKKTEEIVQKFQSGIGEKLH QKLLERAKGKRNWLEEWWLNVAYLDVRIPSQL
Host	Mouse
Reactivity	Human, Mouse, Rat
Interspecies Antigen Sequence	Mouse (85); Rat (84)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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Applications

- Western Blot (Cell lysate)

  CROT monoclonal antibody (M01), clone 1A6. Western Blot analysis of CROT expression in NIH/3T3 (Cat # L018V1).

  Protocol Download

- Western Blot (Cell lysate)

  CROT monoclonal antibody (M01), clone 1A6 Western Blot analysis of CROT expression in HeLa (Cat # L013V1).

  Protocol Download

- Western Blot (Cell lysate)

  CROT monoclonal antibody (M01), clone 1A6. Western Blot analysis of CROT expression in Raw 264.7 (Cat # L024V1).

  Protocol Download

- Western Blot (Cell lysate)

  CROT monoclonal antibody (M01), clone 1A6. Western Blot analysis of CROT expression in PC-12 (Cat # L012V1).

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — CROT

Entrez GeneID	54677
GeneBank Accession#	NM_021151
Protein Accession#	NP_066974
Gene Name	CROT
Gene Alias	COT
Gene Description	carnitine O-octanoyltransferase
Omim ID	606090

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Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the carnitine/choline acetyltransferase family. The encoded protein converts 4,8-dimethylnonanoyl-CoA to its corresponding carnitine ester. This transesterification occurs in the peroxisome and is necessary for transport of medium- and long- chain acyl-CoA molecules out of the peroxisome to the cytosol and mitochondria. The protein thus plays a role in lipid metabolism and fatty acid beta-oxidation. Alternatively spliced transcript variants have been described
Other Designations	peroxisomal carnitine O-octanoyltransferase|peroxisomal carnitine acyltransferase|peroxisomal carnitine octanoyltransferase

Disease

- Tobacco Use Disorder

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