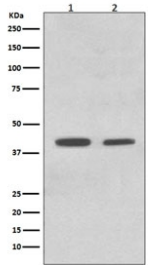
Mcad Antibody / ACADM [clone COE-1] (RQ5361)

Catalog No.	Formulation	Size
RQ5361	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	COE-1
Purity	Affinity purified
UniProt	P11310
Applications	Western blot: 1:500-1:2000
Limitations	This Mcad antibody is available for research use only.



Western blot testing of human 1) HeLa and 2) K562 cell lysate with Mcad antibody. Predicted molecular weight ~46 kDa.

Description

The ACADM gene encodes the medium-chain specific (C4 to C12 straight chain) acyl-Coenzyme A dehydrogenase. The homotetramer enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Defects in this gene cause medium-chain acyl-CoA dehydrogenase deficiency, a disease characterized by hepatic dysfunction, fasting hypoglycemia, and encephalopathy, which can result in infantile death. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [RefSeq]

Application Notes

Optimal dilution of the Mcad antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Mcad / ACADM was used as the immunogen for the Mcad antibody.

Storage

Store the Mcad antibody at -20oC.

Copyright © NSJ Bioreagents. All rights reserved.