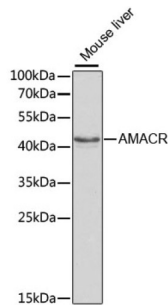


Alpha-Methylacyl-CoA Racemase (AMACR) Antibody

Catalogue No.: abx001044



Western blot analysis of extracts of Mouse liver using AMACR Antibody (1/1000 dilution).

AMACR Antibody is a Rabbit Polyclonal antibody against AMACR. This gene encodes a racemase. The encoded enzyme interconverts pristanoyl-CoA and C27-bile acylCoAs between their (R)- and (S)-stereoisomers. The conversion to the (S)-stereoisomers is necessary for degradation of these substrates by peroxisomal beta-oxidation. Encoded proteins from this locus localize to both mitochondria and peroxisomes. Mutations in this gene may be associated with adult-onset sensorimotor neuropathy, pigmentary retinopathy, and adrenomyeloneuropathy due to defects in bile acid synthesis. Alternatively spliced transcript variants have been described. Read-through transcription also exists between this gene and the upstream neighboring C1QTNF3 (C1q and tumor necrosis factor related protein 3) gene.

Target:	Alpha-Methylacyl-CoA Racemase (AMACR)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human AMACR
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9UHK6 (UniProt , ExPASy)

Datasheet

Version: 5.0.0
Revision date: 13 Mar 2025



Gene Symbol: AMACR

GeneID: [23600](#)

NCBI Accession: NP_055139.4

String: [9606.ENSP00000371517](#)

Molecular Weight: Calculated MW: 22 kDa/25 kDa/42 kDa/43 kDa
Observed MW: 43 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only