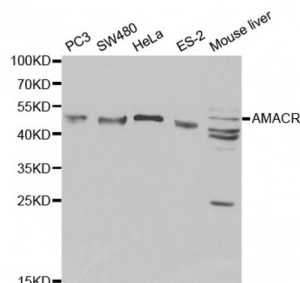


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Alpha-Methylacyl-CoA Racemase (AMACR) Antibody

Catalogue No.: abx001044



Western blot analysis of extracts of various cell lines, using AMACR antibody (abx001044) at 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: AMACR

Reactivity: Human, Mouse

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human AMACR.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

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Molecular Weight: Calculated MW: 22 kDa/25 kDa/42 kDa/43 kDa
Observed MW: 47 kDa

Swiss Prot: [Q9UHK6](#)

GeneID: [23600](#)

Gene Symbol: AMACR

Concentration: 2.79 mg/ml

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

Note: This product is for research use only.