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## **AMACR Antibody**

**Subcategory:** HRP-conjugated Antibody, Rabbit Polyclonal Antibody

**Cat. No.:** 254514

**Unit:** 0.1 mg

**Description:**

Alpha-methylacyl-CoA racemase (AMACR) catalyzes the racemization of 2-methyl-branched fatty acid CoA esters. AMACR is responsible for the conversion of pristanoyl-CoA and C27-bile acyl-CoAs to their (S)-stereoisomers. Defects in AMACR are the cause of alpha-methylacyl-CoA racemase deficiency (AMACRD). AMACRD results in elevated plasma concentrations of pristanic acid C27-bile-acid intermediates. AMACRD is associated with polyneuropathy, retinitis pigmentosa, epilepsy.

**Isotype:** Rabbit Ig

**Applications:** E, IHC, WB

**Species Reactivity:** H, M, R

**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 1% BSA and 0.02% gentamicin. Antibody was purified by Protein-G affinity chromatography.

**Alternate Names:** AMACR; Alpha-methylacyl-CoA racemase; 2-methylacyl-CoA racemase

**Accession No.:** Q9UHK6

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of mouse AMACR.

**Application Notes:** E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:50-1:500

**Storage:** Store at -20°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.