

## Anti-AMACR Antibody Picoband® Biotin Conjugated

Catalog Number: PB9983-Biotin

### About AMACR

Alpha-methylacyl-CoA racemase (AMACR) is a mitochondrial and peroxisomal enzyme. It 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.

### Overview

Product Name	Anti-AMACR Antibody Picoband® Biotin Conjugated
Reactive Species	Human, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9UHK6

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human AMACR, different from the related mouse and rat sequences by four amino acids.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

## 1 Publications Citing This Product

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1. PubMed ID: 26870216, A metanephric adenoma of the kidney associated with polycythemia: A case report

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Anti-AMACR Antibody - Biotin

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