

AMACR Monoclonal Antibody

Catalog No. E-AB-22010

Note: Centrifuge before opening to ensure complete recovery of vial contents.

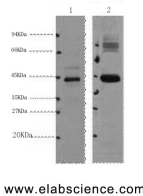
Description

Reactivity	Human, Mouse, Rat
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG
Clone	6E4
Purification	Protein A purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Applications Recommended Dilution

WB	1:500-1:2000
IHC	1:100-1:300
IF	1:100-1:300

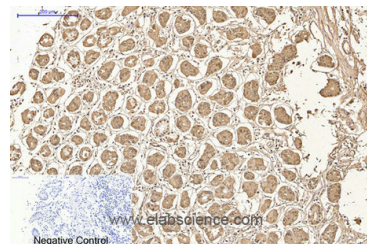
Data



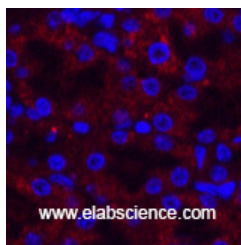
www.elabscience.com

Western Blot analysis of 1) HepG2, 2) Mouse kidney using AMACR Monoclonal Antibody at dilution of 1:1000.

Observed Mw:42kDa
Calculated Mw:42kDa



Immunohistochemistry of paraffin-embedded Human stomach tissue using AMACR Monoclonal Antibody at dilution of 1:200.



www.elabscience.com

Immunofluorescence analysis of Mouse kidney tissue using AMACR Monoclonal Antibody at dilution of 1:200.

For Research Use Only

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

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.

For Research Use Only