Recombinant AMACR Monoclonal Antibody

catalog number: **AN301415L**

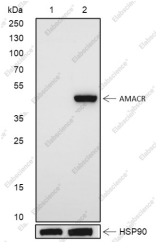
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Acetylated human histone AMACR peptide
Host	Rabbit
Isotype	Rabbit IgG
Clone	C321038
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:50-1:100

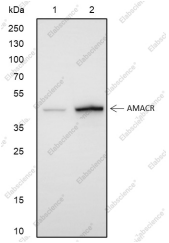
Data



Western Blot with AMACR Monoclonal Antibody at dilution of 1:1000. Lane 1: U2-OS (Low expression), Lane 2: LNCaP

Observed-MW:42 kDa

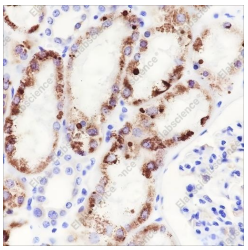
Calculated-MW:42 kDa



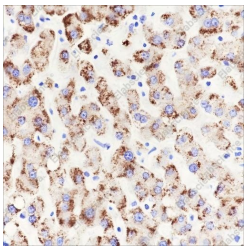
Western Blot with AMACR Monoclonal Antibody at dilution of 1:1000. Lane 1: Caco-2, Lane 2: Human liver

Observed-MW:42 kDa

Calculated-MW:42 kDa



Immunohistochemistry of paraffin-embedded Human kidney using AMACR Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Human liver using AMACR Monoclonal Antibody at dilution of 1:100.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Catalyzes the interconversion of (R)- and (S)-stereoisomers of alpha-methyl-branched-chain fatty acyl-CoA esters. Acts only on coenzyme A thioesters, not on free fatty acids, and accepts as substrates a wide range of alpha-methylacyl-CoAs, including pristanoyl-CoA, trihydroxycoprostanoyl-CoA (an intermediate in bile acid synthesis), and arylpropionic acids like the anti-inflammatory drug ibuprofen (2-(4-isobutylphenyl) propionic acid) but neither 3-methyl-branched nor linear-chain acyl-CoAs.