

AMACR

Reactivity:Human Mouse

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:42kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human AMACR

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

AMACR;CBAS4;RACE ;2-methylacyl-CoA racemase;

Catalog #:A1130

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:23600

Isotype:IgG

Swiss Prot:Q9UHK6

Purity:Affinity purification

For research use only.

Background:

-methylacyl-CoA racemase (AMACR), an enzyme localized in peroxisomes and mitochondria, is involved in the -oxidation of branched-chain fatty acids and fatty acid derivatives (1). AMACR has been reported to be a biomarker for prostate cancer (2-4). The expression of AMACR is also related to other types of cancers such as hepatocellular carcinoma (1), noninvasive bladder cancer (5), colorectal cancer (6) and gastric adenocarcinoma (7).

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