

## 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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