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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB12538 - Goat Anti-AMACR Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: AMACR, alpha-methylacyl-CoA racemase, AMACRD, CBAS4, RACE, RM, 2-methylacyl-CoA racemase

Official Symbol: AMACR

Accession Number(s): NP_055139.4; NP_001161067.1

Human GeneID(s): [23600](#)

Immunogen

Peptide with sequence C-QLNSDKIIESN, from the C Terminus of the protein sequence according to NP_055139.4; NP_001161067.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: pprox 40-42kDa band observed in Human Kidney and Liver lysates, and in lysates of cell line CaCo-2 and approx 40-45kDa band observed in lysates of cell line LNCaP (calculated MW of 42.4kDa according to NP_055139.4) and 43.9kDa according to NP_001161067.1). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB12538 (0.5µg/ml) staining of CaCo-2 (A) and LNCaP (B) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB12538 (0.5µg/ml) staining of Human Kidney (A) and Liver (B) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.