



## UK Office

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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

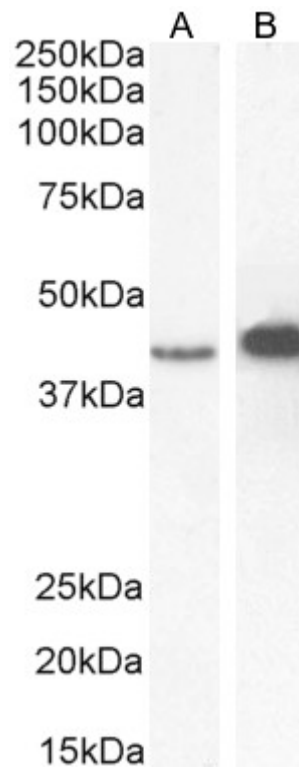
**Peptide ELISA:** antibody detection limit dilution 1:64000.

**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.

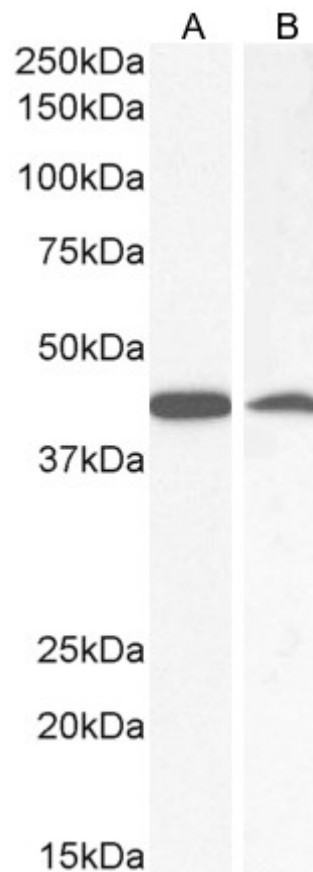
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



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



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