

## UK Office

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

## EB08336 - Goat Anti-AKR1B10 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** AKR1B10, aldo-keto reductase family 1, member B10 (aldose reductase), AKR1B11, AKR1B12, ALDRLn, ARL-1, ARL1, HIS, HIS, MGC14103, aldo-keto reductase family 1, member B10, aldo-keto reductase family 1, member B11 (aldose reductase-like), aldose reductase-like 1N: aldose reductase-like peptide, aldose reductase-related protein, small intestine reductase

**Official Symbol:** AKR1B10

**Accession Number(s):** NP\_064695.2

**Human GeneID(s):** [57016](#)

### Immunogen

Peptide with sequence C-QSSHLEDYPFDAE, from the C Terminus of the protein sequence according to NP\_064695.2.

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

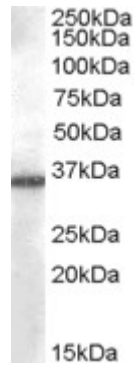
**Peptide ELISA:** antibody detection limit dilution 1:8000.

**Western blot:** Approx 35kDa band observed in lysates of cell lines HEK293, A549 and HepG2 (calculated MW of 36.0kDa according to NP\_064695.2). In transfected HEK293 transiently expressing AKR1B10 a band of approx. 40kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 0.03-0.1µg/ml.

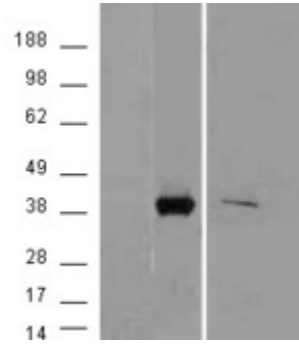
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB08336 (0.03 $\mu$ g/ml) staining of A549 cell lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



HEK293 overexpressing AKR1B10 (RC203177) with C-terminal tag (DYKDDDDK) and probed with anti-DYKDDDDK in the left panel and with EB08336 in the right panel (mock transfection in first and last lanes), tested by Origene.