

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

Storage: For long-term storage  
keep aliquots at -20°C. (Store no  
longer than 12 months at 4°C).  
Minimize freezing and thawing.

## EB06637 - Goat Anti-AKR1C3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** type IIb 3-alpha hydroxysteroid dehydrogenase, type II 3a-hydroxysteroid dehydrogenase, dihydrodiol dehydrogenase X, chlordecone reductase, aldo-keto reductase family 1, member C3, DDX, trans-1,2-dihydrobenzene-1,2-diol dehydrogenase, type IIb 3-alpha hydroxysteroid dehydrogenase, hydroxysteroid (17-beta) dehydrogenase 5, chlordecone reductase homolog, dihydrodiol dehydrogenase 3, prostaglandin F synthase, aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase, type II), KIAA0119, hluPGFS, HSD17B5, HA1753, HAKRe, HAKRB, DD3, AKR1C3

**Official Symbol:** AKR1C3

**Accession Number(s):** NP\_003730.4

**Human GenelD(s):** [8644](#)

### Immunogen

Peptide with sequence CFASHPNYPYSDEY, from the C Terminus of the protein sequence according to NP\_003730.4.

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 1:32000.

**Western blot:** Approx 35kDa band observed in human liver and human breast lysates (calculated MW of 36.9kDa according to NP\_003730). Recommended concentration: 0.01-0.1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

### Specific Reference

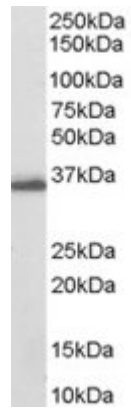
The goat polyclonal antibody used in this paper was manufactured by us:

Gavelová M, Hladíková J, Vildová L, Novotná R, Vondráček J, Krčmár P, Machala M, Skálová L.

Reduction of doxorubicin and oracin and induction of carbonyl reductase in human breast carcinoma MCF-7 cells.

Chem Biol Interact. 2008 Oct 22;176(1):9-18.

**PMID:** 18755171



EB06637 (0.03 $\mu$ g/ml) staining of human breast lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.