

## UK Office

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

## EB06637 - Goat Anti-AKR1C3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**Official Symbol:** AKR1C3

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

**Human GeneID(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. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Small Intestine. Recommended concentration: 5µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB06637 (0.03µg/ml) staining of Human Breast lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB06637 (5µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.