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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.

 $\textbf{IHC:} \ Paraffin \ embedded \ Human \ Small \ Intestine. \ Recommended \ concentration: 5 \mu g/ml.$

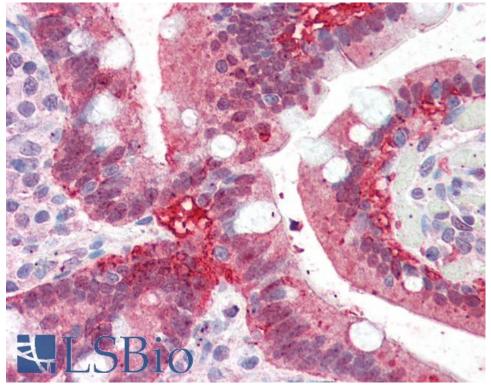
Species Reactivity

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

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



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