

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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

EB06522 - Goat Anti-LXR alpha / LXR beta Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: LXRA, LXR-a, RLD-1, NR1H3, nuclear receptor subfamily 1, group H, member 3, liver X receptor, alpha, NR1H2, NER, UNR, LXR-b, NER-I, RIP15, nuclear receptor subfamily 1, group H, member 2, ubiquitously-expressed nuclear receptor / NR1H2, NER, UNR, LXR-b, NER-I, RIP15, nuclear receptor subfamily 1, group H, member 2, ubiquitously-expressed nuclear receptor, OTTHUMP00000198038, liver X receptor alpha, liver X receptor-alpha, LXRB, LX receptor beta, liver X receptor beta, liver X receptor-beta, nuclear orphan receptor LXR-beta, oxysterols receptor LXR-beta

Official Symbol: NR1H3; NR1H2

Accession Number(s): NP_005684.2; NP_009052.3

Human GenelD(s): [10062](#) , [7376](#)

Important Comments: This antibody is expected to recognise an epitope corresponding to aa 429-442 of human LXR alpha protein (NP_005684.2) and to aa 443-456 of human LXR beta protein (NP_009052.3).

Immunogen

Peptide with sequence CRLQDKKLPLLSEI, from the internal region of the protein sequence according to NP_005684.2; NP_009052.3.

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 55kDa band observed in Human Spleen lysates (calculated MW of 50.5kDa according to NP_005684.2 and 50.1kDa according to NP_009052.3).

Recommended concentration: 1-3µg/ml. Additional minor bands were also consistently observed in Human Spleen at 38kDa and 75kDa. These bands were successfully blocked by incubation with the immunising peptide. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse and Rat for this particular batch.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

EB06522 (1µg/ml) staining of Human Spleen lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.