

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.**

EB06521 - Goat Anti-LXR beta / NR1H2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: NR1H2, LXR-b, NER, UNR, NER-I, RIP15, nuclear receptor subfamily 1, group H, member 2, ubiquitously-expressed nuclear receptor, LXRβ, LX receptor beta, liver X receptor beta, liver X receptor-beta, nuclear orphan receptor LXR-beta, oxysterols receptor LXR-beta, steroid hormone-nuclear receptor NER

Official Symbol: NR1H2

Accession Number(s): NP_009052.3

Human GeneID(s): [7376](#)

Important Comments: Based on the peptide used, this antibody is expected to be specific for LXR beta and not to cross-react with LXR alpha.

Immunogen

Peptide with sequence SSPTTSSLDTPLPGC, from the N Terminus of the protein sequence according to 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 1:128000.

Immunofluorescence: Strong expression of the protein seen in the nuclei of U2OS cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

Species Reactivity

Tested: Human

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

EB06521 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton.

Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

EB06521 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.