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

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, LXRB, 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

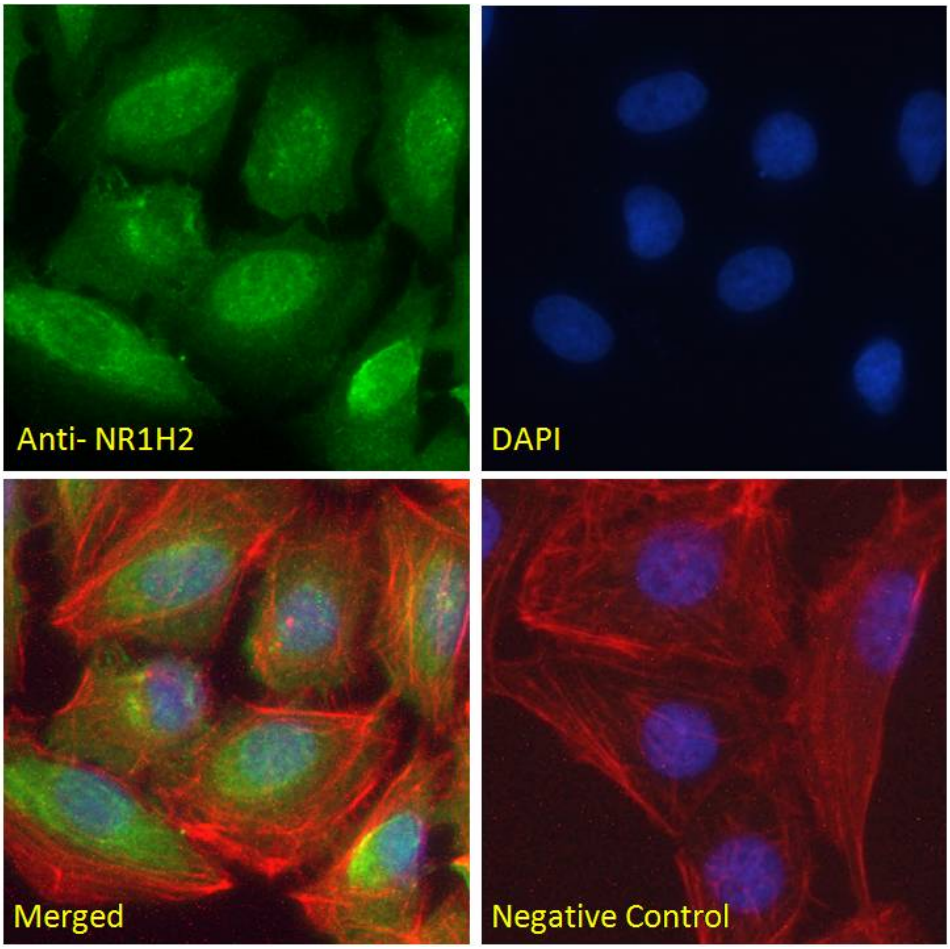
Peptide ELISA: antibody detection limit dilution 1:128000.

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

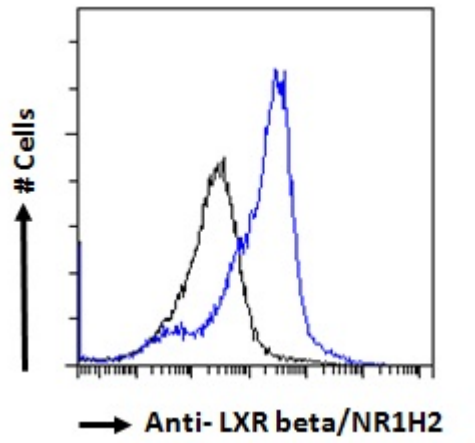
Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

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.