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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06521 - Goat Anti-LXR beta / NR1H2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

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 1:64000.

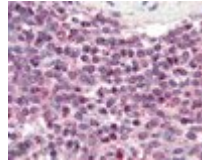
Western blot: Experiments gave a band at approx 80kDa and a weak band at appr. 60-kDa in human bone marrow lysate after 1µg/ml antibody staining. These bands correspond to earlier findings with different antibodies (PMID: 12393874-60kDa and other unpublished antibodies-80kDa). This protein has a calculated MW of 51.0kDa according to NP_009052. Recommended concentration: 1-3µg/ml.

IHC: In paraffin embedded Human Spleen shows nucleolar staining. Recommended concentration, 1-2µg/ml.

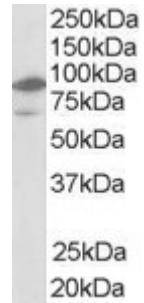
Species Reactivity

Tested: Human

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



EB06521 (3 μ g/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB06521 (1 μ g/ml) staining of human bone marrow lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.