



Goat anti-LXR beta / NR1H2 Antibody

Item Number	dAP-0557
Target Molecule	Principle Name: LXR beta / NR1H2; Official Symbol: NR1H2; All Names and Symbols: 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; Accession Number (s): NP_009052.3; Human Gene ID(s): 7376; Non-Human GeneID(s):
Immunogen	SSPTTSSLDTPLPGC, is from N Terminus Based on the peptide used, this antibody is expected to be specific for LXR beta and not to cross-react with LXR alpha.
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Experiments gave a band at approx 80kDa and a weak band at approx 60kDa in Human Bone Marrow lysate after 1µg/ml antibody staining. These bands correspond to earlier findings with different antibodies (PMID: 12393874-60kDa and other unpubli
IHC	Immunohistochemistry: In paraffin embedded Human Spleen shows nucleolar staining. Recommended concentration: 1-3µg/ml. Paraffin embedded Human Uterus. Recommended concentration: 3µg/ml.
Reference	Reference(s): Tangirala RK, Bischoff ED, Joseph SB, Wagner BL, Walczak R, Laffitte BA, Daige CL, Thomas D, Heyman RA, Mangelsdorf DJ, Wang X, Lusis AJ, Tontonoz P, Schulman IG. Identification of macrophage liver X receptors as inhibitors of atherosclerosis. Proc Natl Acad Sci U S A. 2002 Sep 3;99

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**