



Goat anti-LXR alpha / LXR beta Antibody

Item Number	dAP-0547
Target Molecule	Principle Name: LXR alpha / LXR beta; Official Symbol: NR1H3; NR1H2; All Names and Symbols: NR1H3; LXRA; LXR-a; RLD-1; 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; N; Accession Number (s): NP_005684.2; NP_009052.3; Human Gene ID(s): 10062; 7376; Non-Human GeneID(s):
Immunogen	CRLQDKKLPLLSEI, is from internal region 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).
Applications	Pep ELISA, WB 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 32000.
Western Blot	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 Hu
IHC	
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**