

Goat anti-RXR alpha Antibody

Item Number dAP-0546

Target Molecule Principle Name: RXR alpha; Official Symbol: RXRA; All Names and Symbols: RXRA; NR2B1; retinoid X receptor, alpha; FLJ16020; FLJ16733; MGC102720; FLJ00280; FLJ00318;; Accession Number (s): NP_002948.1; Human Gene ID(s): 6256; Non-Human GeneID(s):

Immunogen CQVNSSLTSPTGRGSM, is from internal region
This antibody is expected to recognise an epitope corresponding to aa 14-28 of human RXR alpha protein and does not cross-react with either RXR beta or gamma.

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 60kDa band observed in nuclear lysates of cell line HeLa (calculated MW of 50.8kDa according to NP_002948.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Solomon et al, J Bi

IHC

Reference Reference(s): Claudel T, Leibowitz MD, Fievet C, Tailleux A, Wagner B, Repa JJ, Torpier G, Lobaccaro JM, Paterniti JR, Mangelsdorf DJ, Heyman RA, Auwerx J. Reduction of atherosclerosis in apolipoprotein E knockout mice by activation of the retinoid X receptor. Proc Natl Acad Sci U S A. 2001 Feb 27;98(5):2610-

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 end users! This product is sold for **Research Use Only**