

Goat anti-RARA Antibody

Item Number	dAP-0597
Target Molecule	Principle Name: RARA; Official Symbol: RARA; All Names and Symbols: RARA; RAR; NR1B1; retinoic acid receptor, alpha; Retinoic acid receptor, alpha polypeptide; nucleophosmin-retinoic acid receptor alpha fusion protein NPM-RAR long form; nucleophosmin-retinoic acid receptor alpha fusion protein NPM-RAR short form; Accession Number (s): NP_000955.1; NP_001138773.1; NP_001019980.1; NP_001138774.1; Human Gene ID(s): 5914; Non-Human GeneID(s):
Immunogen	SPSLSPSSHRSSPATQSP, is from C Terminus This antibody is expected to recognize all three reported isoforms (NP_000955.1; NP_001019980.1; NP_001138774.1). Please note the epitope is from the mouse/rat sequence. Human sequence is SPSL-
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 8000.
Western Blot	Western Blot: Approx 50kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 50.8kDa according to NP_000955.1; NP_001019980.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.
IHC	
Reference	Reference(s): Farias EF, Ong DE, Ghyselinck NB, Nakajo S, Kuppumbatti YS, Mira y Lopez R. Cellular retinol-binding protein I, a regulator of breast epithelial retinoic acid receptor activity, cell differentiation, and tumorigenicity. J Natl Cancer Inst. 2005 Jan 5;97(1):21-9. .PMID: 15632377 ->

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**