

Goat anti-THRA Antibody

Item Number	dAP-1153
Target Molecule	Principle Name: THRA; Official Symbol: THRA; All Names and Symbols: THRA; thyroid hormone receptor, alpha (erythroblastic leukemia viral (v-erb-a) oncogene homolog, avian); AR7; EAR7; ERB-T-1; ERBA; ERBA1; MGC000261; MGC43240; NR1A1; THRA1; THRA2; c-ERBA-1; ERBA-related 7; avian erythroblastic leukemia viral (v-erb-a) onc; Accession Number (s): NP_955366.1; NP_003241.2; Human Gene ID (s): 7067; Non-Human GeneID(s): 21833 (mouse) 81812 (rat)
Immunogen	KEEMIRSLQGRP, is from internal region This antibody is expected to recognize both reported isoforms (NP_955366.1; NP_003241.2). This antibody is not expected to cross-react to THRB.
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 32000.
Western Blot	Western Blot: Approx 60+50kDa bands observed in Human Bone Marrow lysates (calculated MW of 54.8kDa according to NP_003241.2 and of 46.8kDa according to NP_955366.1). Recommended concentration: 0.5-1ug/ml. Primary incubation was 1 hour.
IHC	Immunohistochemistry: Paraffin embedded Human Tonsil and Breast. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Nishiyama K, Baba S, Yamada T, Matsushita A, Natsume H, Nakano K, Sasaki S, Nakamura H. Embryonic lethal effect of expressing a dominant negative mutant human thyroid hormone receptor alpha1 in mice. Endocr J. 2003 Oct;50(5):561-70..PMID: 14614212->

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**