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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB07965 - Goat Anti-THRA Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** 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) oncogene homolog, thyroid hormone receptor, alpha, triiodothyronine receptor

**Official Symbol:** THRA

**Accession Number(s):** NP\_955366.1; NP\_003241.2

**Human GeneID(s):** [7067](#)

**Non-Human GeneID(s):** 21833 (mouse), 81812 (rat)

**Important Comments:** 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.

### Immunogen

Peptide with sequence C-KEEMIRSLQGRP, from the internal region of the protein sequence according to NP\_955366.1; NP\_003241.2.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

**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: 0.5-1µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Tonsil and Breast. Recommended concentration: 3.75µg/ml.

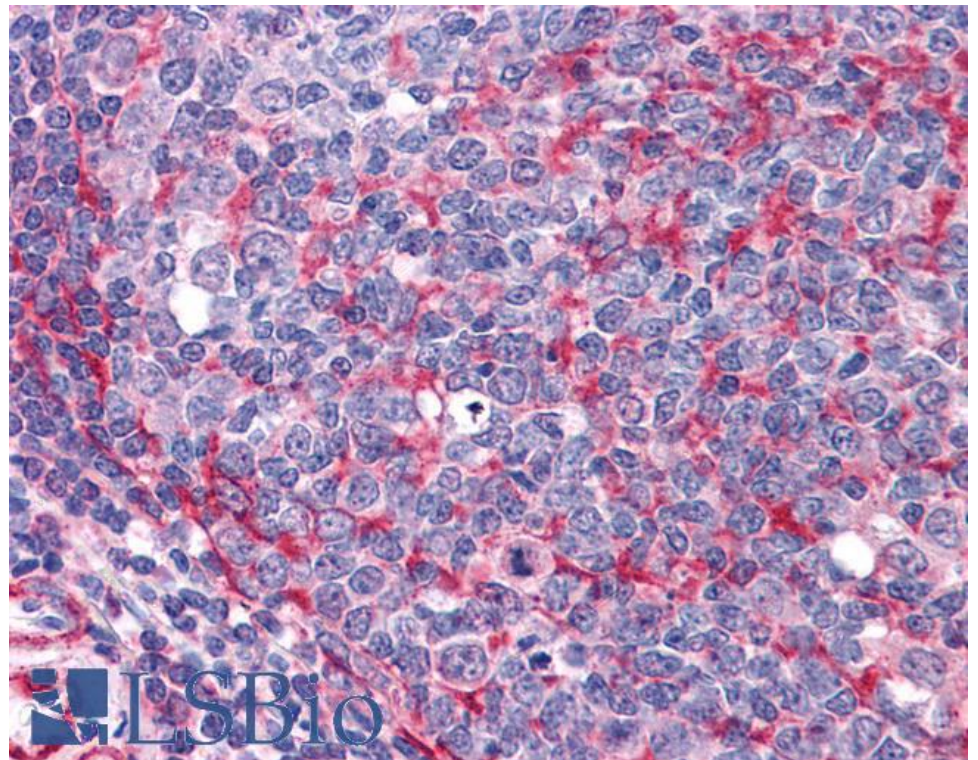
### Species Reactivity

**Tested:** Human

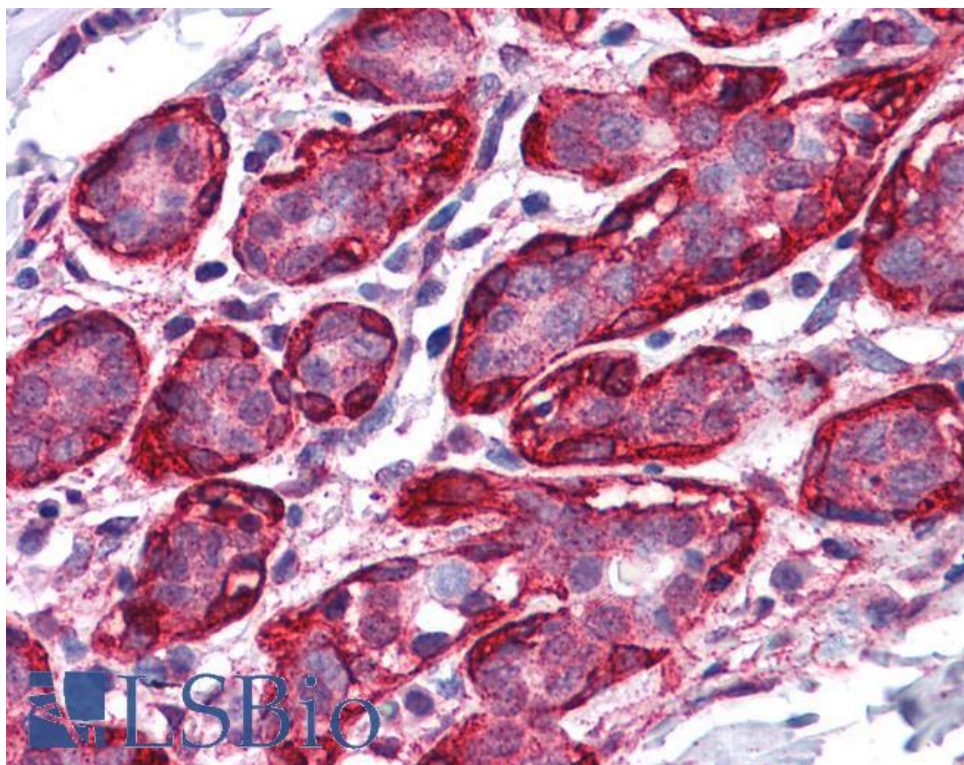
**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

EB07965 (0.5µg/ml) staining of Human Bone Marrow lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB07965 (3.75µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07965 (3.75µg/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.