

#### **International Office**

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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 GenelD(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-KEEMIRSLQQRP, 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: 0.5-1ug/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Tonsil and Breast. Recommended concentration:

3.75µg/ml.

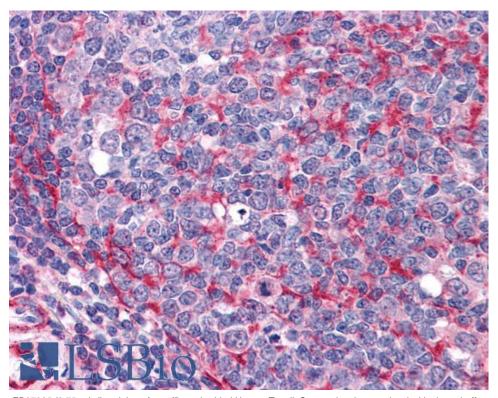
### **Species Reactivity**

Tested: Human

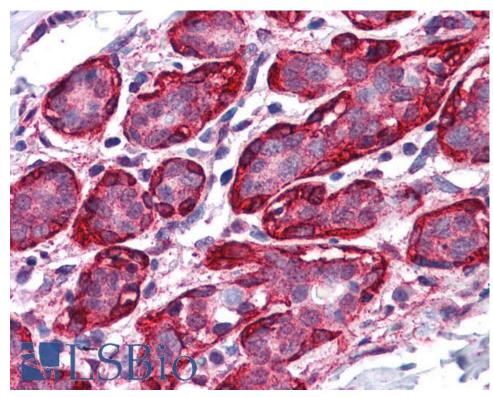
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



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



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



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