

#### **International Office**

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# EB07404 - Goat Anti-Nur77 / TR3 (isoform a) Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** NR4A1, NUR77, nuclear receptor subfamily 4, group A, member 1, GFRP1, HMR, MGC9485, N10, NAK-1, NGFIB, NP10, TR3, TR3 orphan receptor, early response protein NAK1, growth factor-inducible nuclear protein N10, hormone receptor, orphan nuclear receptor HMR, steroid receptor TR3

Official Symbol: NR4A1

Accession Number(s): NP\_002126.2; NP\_775180.1

Human GeneID(s): 3164

Non-Human GenelD(s): 15370 (mouse), 79240 (rat)

Important Comments: This antibody is expected to recognise isoform a (NP\_002126.2

and NP\_775180.1) only.

## **Immunogen**

Peptide with sequence C-GRLPSKPKQPPDAS, from the internal region of the protein sequence according to NP\_002126.2; NP\_775180.1.

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 60kDa band observed in Human Thyroid gland lysates (calculated

MW of 64.5kDa according to NP\_002126.2 and NP\_775180.1). Recommended

concentration: 1-3µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Breast. Recommended concentration: 5µg/ml.

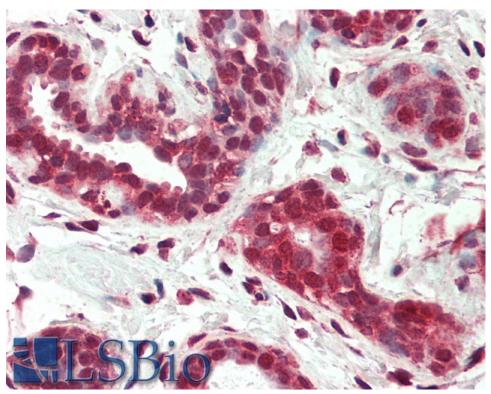
#### **Species Reactivity**

Tested: Human

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

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

EB07404 (2 $\mu$ g/ml) staining of Human Thyroid lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB07404 (5μg/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.