

## UK Office

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

## 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 GeneID(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.

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

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog. This batch is not expected to cross-react with Mouse in Western blot.

EB07404 (2µg/ml) staining of Human Thyroid lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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