

## UK Office

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

## EB06523-T - Goat Anti-RXR alpha Antibody - Trial

Size: 20µg specific antibody in 40µl



### Target Protein

**Principal Names:** RXRA, NR2B1, retinoid X receptor, alpha, FLJ16020, FLJ16733, MGC102720, FLJ00280, FLJ00318

**Official Symbol:** RXRA

**Accession Number(s):** NP\_002948.1

**Human GeneID(s):** [6256](#)

**Important Comments:** This antibody is expected to recognise an epitope corresponding to aa 14-28 of human RXR alpha protein and does not cross-react with either RXR beta or gamma.

### Immunogen

Peptide with sequence CQVNSSLTSPTRGSM, from the internal region of the protein sequence according to NP\_002948.1.

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 nuclear lysates of cell line HeLa (calculated MW of 50.8kDa according to NP\_002948.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Solomon et al, J Biol Chem. 1998 Jul 10;273(28):17573-8; PMID: 9651351. Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

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

EB06523 (0.3µg/ml) staining of nuclear HeLa lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.