

## UK Office

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

## EB06526 - Goat Anti-RXR gamma Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** RXRG, RXRC, NR2B3, retinoid X receptor, gamma

**Official Symbol:** RXRG

**Accession Number(s):** NP\_008848.1

**Human GeneID(s):** [6258](#)

**Important Comments:** This antibody is expected to recognise an epitope corresponding to aa 213-226 of human RXR gamma protein (hinge region) and does not cross-react with either RXR alpha or beta.

### Immunogen

Peptide with sequence RQRSRERAEEAEC, from the internal region of the protein sequence according to NP\_008848.1.

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 1:64000.

**Western blot:** Approx 48kDa band observed in Human Brain lysates (calculated MW of 50.9kDa according to NP\_008848). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. Some bands of unknown identity were also consistently observed around 37 kDa. These bands were successfully blocked by incubation with the immunising peptide.

### Species Reactivity

**Tested:** Human

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



EB06526 (1µg/ml) staining of Human Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.