

## UK Office

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

## EB06672 - Goat Anti-RARA Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** RARA, RAR, NR1B1, retinoic acid receptor, alpha, Retinoic acid receptor, alpha polypeptide, nucleophosmin-retinoic acid receptor alpha fusion protein  
NPM-RAR long form, nucleophosmin-retinoic acid receptor alpha fusion protein  
NPM-RAR short form

**Official Symbol:** RARA

**Accession Number(s):** NP\_000955.1; NP\_001138773.1; NP\_001019980.1;  
NP\_001138774.1

**Human GeneID(s):** [5914](#)

**Important Comments:** This antibody is expected to recognize all three reported isoforms (NP\_000955.1; NP\_001019980.1; NP\_001138774.1 ). Please note the epitope is from the mouse/rat sequence. Human sequence is SPSLSPSSNRSSPATHSP and thus highly similar. Reported variants NP\_000955.1 and NP\_001138773.1 represent identical proteins.

### Immunogen

Peptide with sequence C-SPSLSPSSHRSSPATQSP, from the C Terminus of the protein sequence according to NP\_000955.1; NP\_001138773.1; NP\_001019980.1;  
NP\_001138774.1.

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 1:8000.

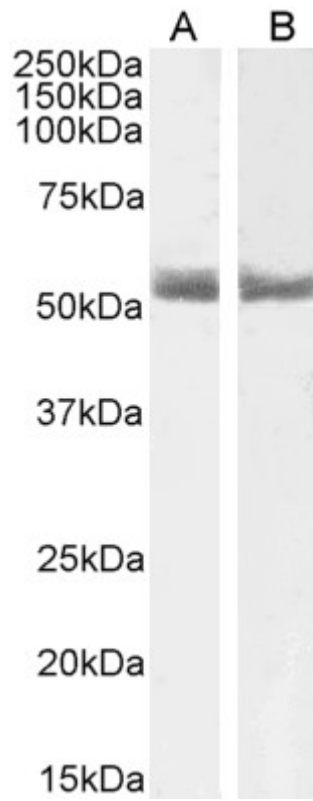
**Western blot:** Approx 55kDa band observed in Human Breast and Breast cancer lysates (calculated MW of 50.8kDa according to NP\_000955.1 and NP\_001019980.1).

Recommended concentration: 0.5-2µg/ml.

### Species Reactivity

**Tested:** Human

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



EB06672 (1 $\mu$ g/ml) staining of Human Breast (A) and Breast cancer (B) lysate (35 $\mu$ g protein in RIPA buffer).  
Primary incubation was 1 hour. Detected by chemiluminescence.