



## UK Office

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

## EB08365 - Goat Anti-NRAS Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** NRAS, neuroblastoma RAS viral (v-ras) oncogene homolog, N-ras, NRAS1, N-ras protein part 4, v-ras neuroblastoma RAS viral oncogene homolog

**Official Symbol:** NRAS

**Accession Number(s):** NP\_002515.1

**Human GeneID(s):** [4893](#)

**Non-Human GeneID(s):** 18176 (mouse), 24605 (rat)

### Immunogen

Peptide with sequence C-RMKKLNSDDGTQ, from the internal region of the protein sequence according to NP\_002515.1.

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. 21-22kDa band observed in lysates of cell line MCF7 (calculated MW of 21.2kDa according to NP\_002515.1). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

**Immunofluorescence:** A customer obtained weak cytoplasmic staining in MCF7 cells at 10µg/ml.

### Species Reactivity

**Tested:** Human

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

EB08365 (0.5µg/ml) staining of MCF7 cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.