

International 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 GenelD(s): 4893

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

Immunogen

Peptide with sequence C-RMKKLNSSDDGTQ, 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 incubation1 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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

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