

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**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 1:32000.

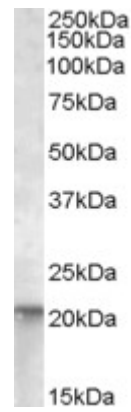
**Western blot:** Approx. 21kDa band observed in Human lysates of cell line A431 and of Rat Intestines (calculated MW of 21.2kDa according to NP\_002515.1). Recommended concentration: 0.01-0.03µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on NIH3T3 for this particular batch.

**IHC:** In paraffin embedded Human Small Intestine shows staining of cytoplasm and membrane of enterocytes. Recommended concentration: 2-3µg/ml.

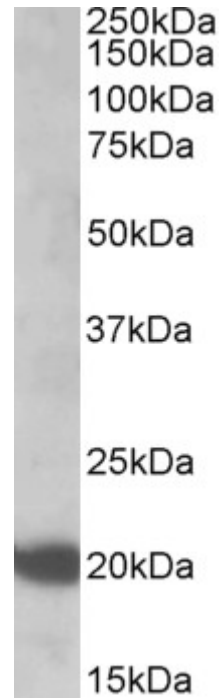
### Species Reactivity

**Tested:** Human, Rat

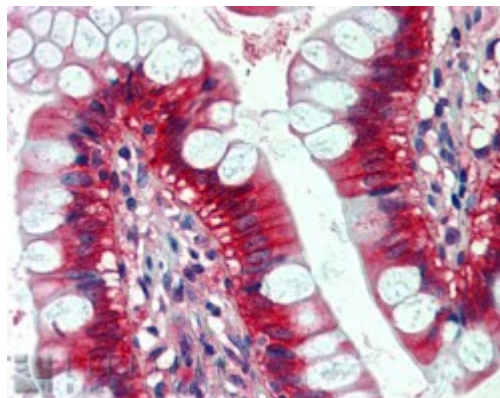
**Expected from sequence similarity:** Human, Mouse, Rat, Dog



EB08365 (0.01 µg/ml) staining of A431 lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



EB08365 (0.1 µg/ml) staining of Rat Intestines lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB08365 (2.5 µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.