

## 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.**

## EB09769 - Goat Anti-RNF7 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** RNF7, ring finger protein 7, CKBBP1, ROC2, SAG, OTTHUMP00000180645, regulator of cullins 2, sensitive to apoptosis, zinc RING finger protein SAG, regulator of cullins 2, zinc RING finger protein SAG

**Official Symbol:** RNF7

**Accession Number(s):** NP\_055060.1

**Human GeneID(s):** [9616](#)

**Non-Human GeneID(s):** 19823 (mouse)

**Important Comments:** This antibody is expected to recognize isoform 1 (NP\_055060.1).

### Immunogen

Peptide with sequence DACLRCAENKQE, from the internal region of the protein sequence according to NP\_055060.1.

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 11kDa band observed in Human Human Heart lysates (calculated MW of 12.7kDa according to NP\_055060.1). Recommended concentration: 1-3µg/ml. An additional band of 28kDa was consistently observed, however this band was not blocked by the immunizing peptide and it is therefore a non-specific signal. We call for caution when used for other assays than Western blot.

**IHC:** Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.

### Species Reactivity

**Tested:** Human

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

EB09769 (1µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.

EB09769 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.