

## 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.**

## EB07292 - Goat Anti-EBAG9 / RCAS1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** EBAG9, RCAS1, estrogen receptor binding site associated, antigen, 9, HGNC:3123, EB9, PDAF, cancer associated surface antigen, estrogen receptor binding site associated antigen 9

**Official Symbol:** EBAG9

**Accession Number(s):** NP\_004206.1

**Human GeneID(s):** [9166](#)

**Non-Human GeneID(s):** 55960 (mouse), 299864 (rat)

### Immunogen

Peptide with sequence C-KEAQRMLMKKEQN, from the C Terminus of the protein sequence according to NP\_004206.1.

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 26kDa band observed in lysates of cell lines HEK293 and A431 (calculated MW of 24.4kDa according to NP\_004206.1 and NP\_004206.1). Recommended concentration: 1-3µg/ml. A minor band of unknown identity was also consistently observed at 75kDa. This band was successfully blocked by incubation with the immunising peptide.

**IHC:** Paraffin embedded Human Skeletal Muscle. Recommended concentration: 3.75µg/ml.

### Species Reactivity

**Tested:** Human

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

EB07292 (0.2µg/ml) staining of A431 lysate (35µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.

EB07292 (3.75µg/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.