

## 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.**

## EB08182 - Goat Anti-CRP2 / CSRP2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CRP2, CSRP2, cysteine and glycine-rich protein 2, LMO5, SmLIM, LIM domain only 5, smooth muscle

**Official Symbol:** CSRP2

**Accession Number(s):** NP\_001312.1

**Human GeneID(s):** [1466](#)

**Non-Human GeneID(s):** 13008 (mouse)

### Immunogen

Peptide with sequence C-ERLGIKPESVQP, from the internal region of the protein sequence according to NP\_001312.1.

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.

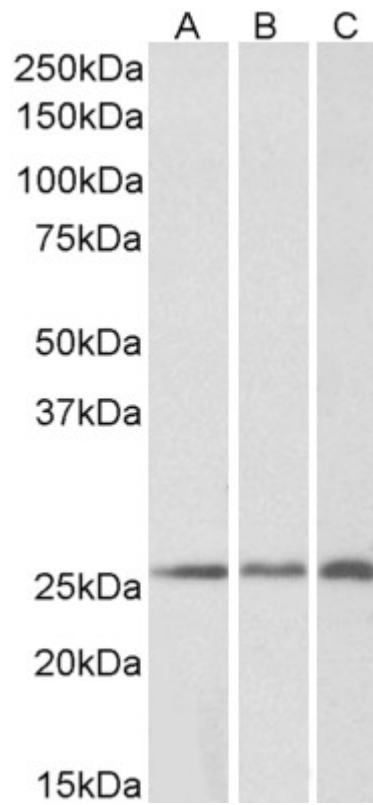
**Western blot:** Approx 26kDa band observed in Human, Mouse and Rat Kidney lysates (calculated MW of 21.0kDa according to NP\_001312.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Huber et al, J Biol Chem. 2000 Feb 25;275(8):5504-11; PMID: 10681529). In transfected HEK293 transiently expressing CRP2 a band of approx. 26kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

**IHC:** In paraffin embedded Human Lung shows staining of the endothelial cells of a blood vessel. Recommended concentration: 3-6µg/ml.

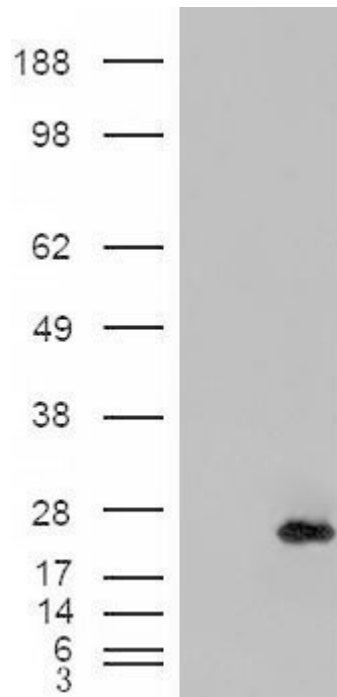
### Species Reactivity

**Tested:** Human, Mouse, Rat

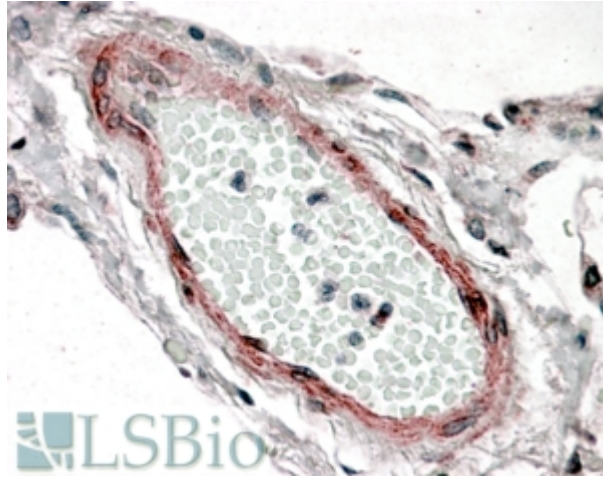
**Expected from sequence similarity:** Human, Mouse, Rat, Horse



EB08182 (0.2µg/ml) staining of Human (A), Mouse (B) and Rat (C) Kidney lysates (35µg protein in RIPA buffer).  
Detected by chemiluminescence



HEK293 overexpressing CRP2 (RC201565) and probed with EB08182 (mock transfection in first lane), tested by  
Origene.



EB08182 (3.8µg/ml) staining of paraffin embedded Human Lung. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.