

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB09104 - Goat Anti-CSRP3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CSRP3, cysteine and glycine-rich protein 3 (cardiac LIM protein), CLP, CMD1M, CRP3, LMO4, MGC14488, MGC61993, MLP, LIM domain only 4, cardiac LIM domain protein, cardiac LIM protein, cysteine and glycine-rich protein 3, cysteine-rich protein 3, muscle LIM protein

**Official Symbol:** CSRP3

**Accession Number(s):** NP\_003467.1

**Human GeneID(s):** [8048](#)

**Non-Human GeneID(s):** 13009 (mouse), 117505 (rat)

### Immunogen

Peptide with sequence CGKSLESTNVTDKD, from the internal region of the protein sequence according to NP\_003467.1.

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.

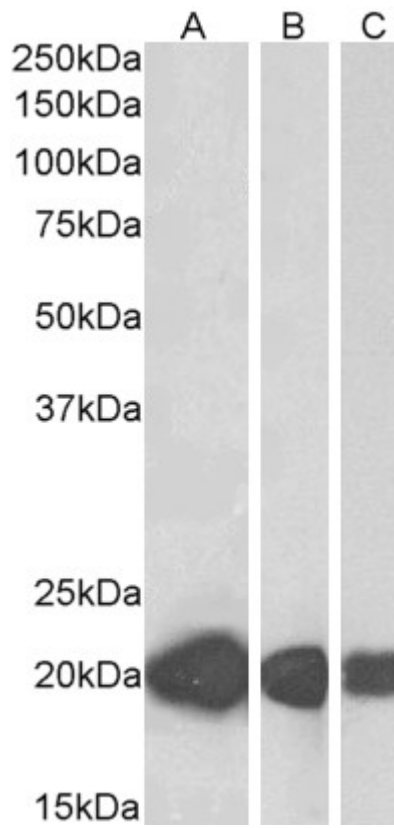
**Western blot:** Approx. 20kDa band observed in Human, Mouse and Rat Heart lysates (calculated MW of 21.0kDa according to Human NP\_003467.1 and 20.8kDa according to Rat NP\_476485.1). Recommended concentration: 0.01-0.03µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Skeletal Muscle and Heart. Recommended concentration: 2.5µg/ml.

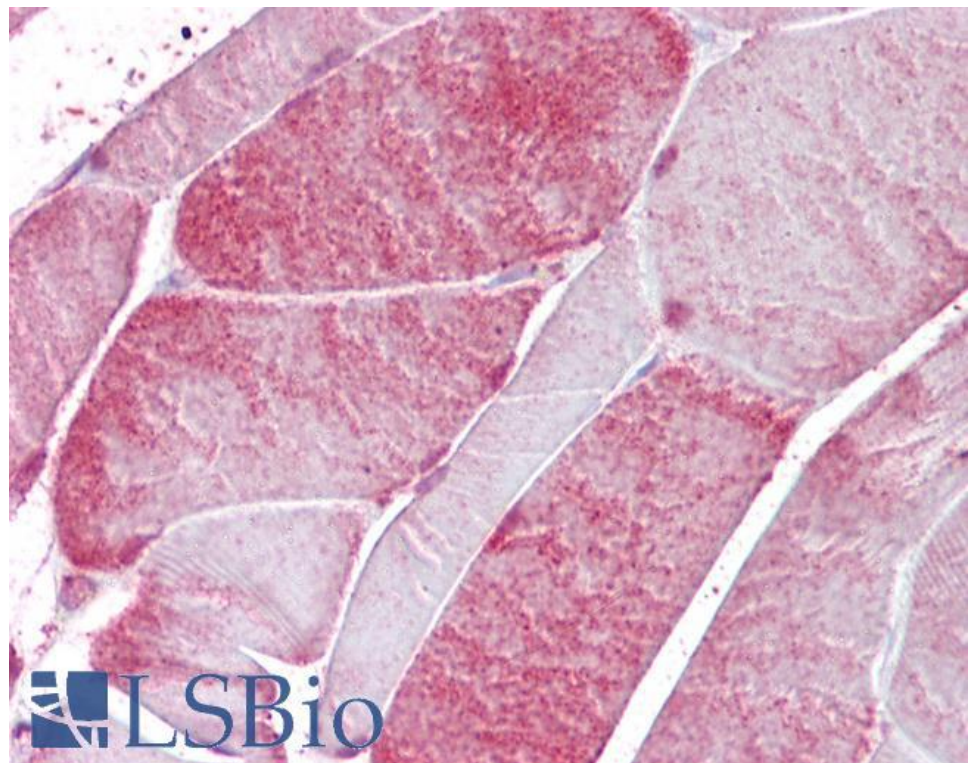
### Species Reactivity

**Tested:** Human, Mouse, Rat

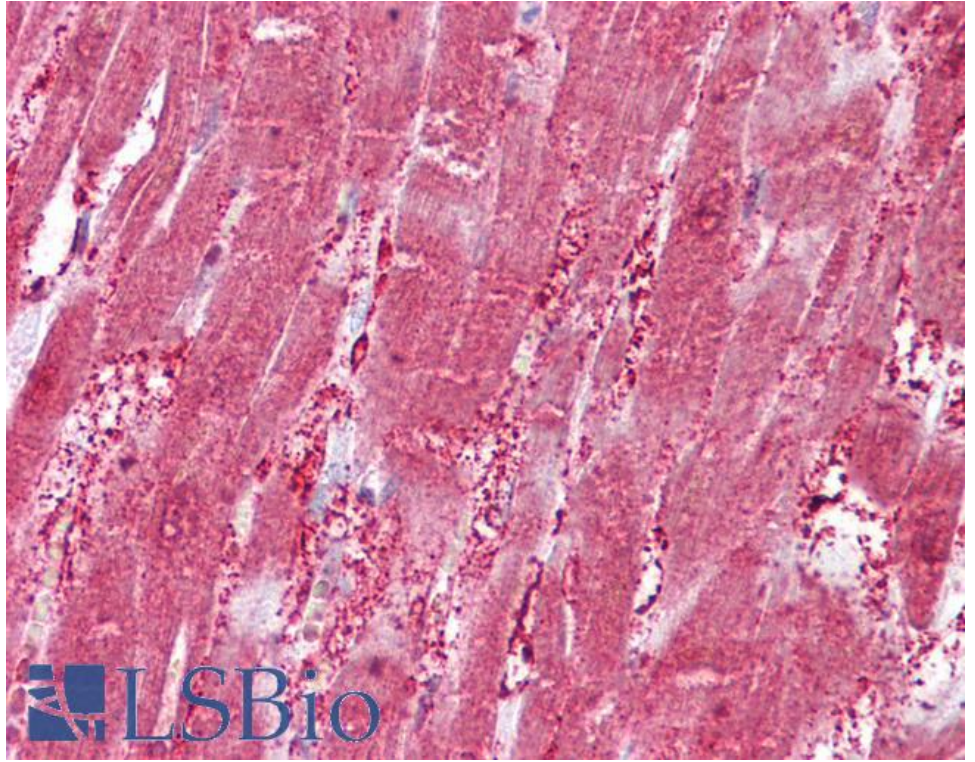
**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow



EB09104 (0.01 $\mu$ g/ml) staining of Human (A), Mouse (B) and Rat (C) Heart lysate (35 $\mu$ g protein in RIPA buffer).  
Detected by chemiluminescence.



EB09104 (2.5 $\mu$ g/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB09104 (2.5µg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.