

## UK Office

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

## EB11892 - Goat Anti-DUSP6 / MKP3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:**

**Official Symbol:** DUSP6

**Accession Number(s):** NP\_001937.2; NP\_073143.2

**Human GeneID(s):** [1848](#)

**Non-Human GeneID(s):** 67603 (mouse), 116663 (rat)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_001937.2; NP\_073143.2).

### Immunogen

Peptide with sequence C-PSNQNVYQVDSLQST, from the C Terminus of the protein sequence according to NP\_001937.2; NP\_073143.2.

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

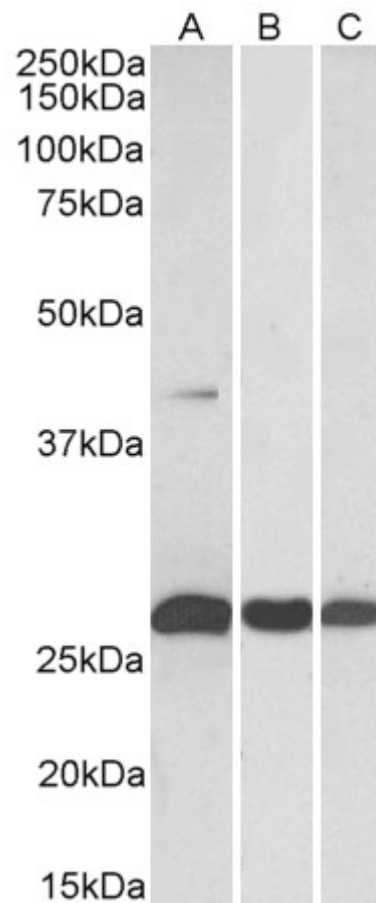
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Western blot:** Approx 26kDa band observed in Mouse and Rat Heart lysates and 40kDa plus 26kDa bands observed in Human and Pig Heart lysates (calculated MW of 42.3kDa according to NP\_001937.2 and 26.5kDa according to NP\_073143.2). Recommended concentration: 0.3-1µg/ml.

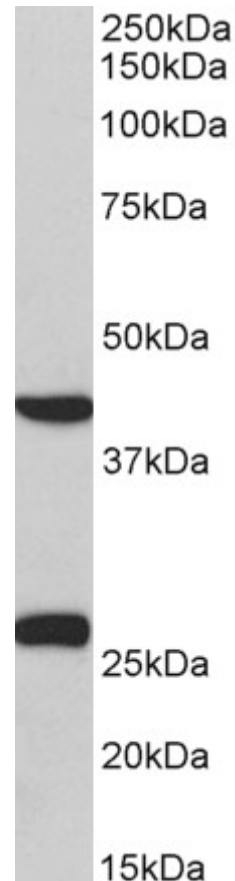
### Species Reactivity

**Tested:** Human, Mouse, Rat, Pig

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



EB11892 (0.3 $\mu$ g/ml) staining of Human (A), (Mouse) and Rat (C) Heart lysates (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB11892 (0.3µg/ml) staining of Pig Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.