



## UK Office

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

## EB09128 - Goat Anti-TRPC4AP Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** TRPC4AP, transient receptor potential cation channel, subfamily C, member 4 associated protein, C20orf188, TRRP4AP, TRUSS, TRP4-associated protein, TRPC4-associated protein, short transient receptor potential channel 4 associated protein, tumor necrosis factor receptor-associated ubiquitous scaffolding and signaling protein

**Official Symbol:** TRPC4AP

**Accession Number(s):** NP\_056453.1; NP\_955400.1

**Human GeneID(s):** [26133](#)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_955400.1; NP\_056453.1).

### Immunogen

Peptide with sequence C-KLTQETTYPNTYIFD, from the internal region of the protein sequence according to NP\_056453.1; NP\_955400.1.

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

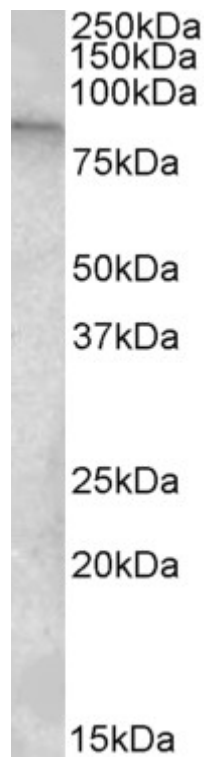
**Peptide ELISA:** antibody detection limit dilution 1:4000.

**Western blot:** Approx 85kDa band observed in lysates of cell line U937 (calculated MW of 90.0kDa according to human NP\_056453.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB09128 (1 $\mu$ g/ml) staining of U937 lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.