

## UK Office

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

## EB11508 - Goat Anti-Trpc6 (mouse) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** AV025995, calcium entry channel, LLHWJM002, LLHWJM003, LLHWJM004, mtrp6, short transient receptor potential channel 6, transient receptor potential cation channel, subfamily C, member 6, transient receptor protein 6, TRP-6, Trpc6, Trpp6

**Official Symbol:** Trpc6

**Accession Number(s):** NP\_038866.2

**Non-Human GeneID(s):** 22068 (mouse), 89823 (rat)

### Immunogen

Peptide with sequence C-KQSSTRSSEDYHLNS, from the internal region of the protein sequence according to NP\_038866.2.

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 1:64000.

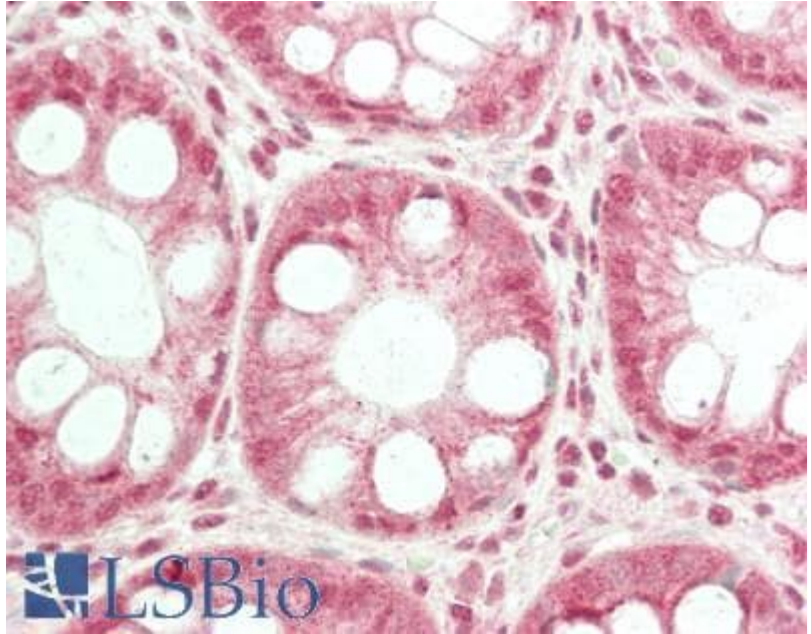
**Western blot:** Preliminary experiments gave an approx 75kDa band in Mouse and Rat Brain and Spinal Cord lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 107kDa according to NP\_038866.2. The 75kDa band was successfully blocked by incubation with the immunizing peptide.

**IHC:** Paraffin embedded Human Colon. Recommended concentration: 5µg/ml.

### Species Reactivity

**Tested:** Human

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



EB11508 (5µg/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.