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, Trrp6
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
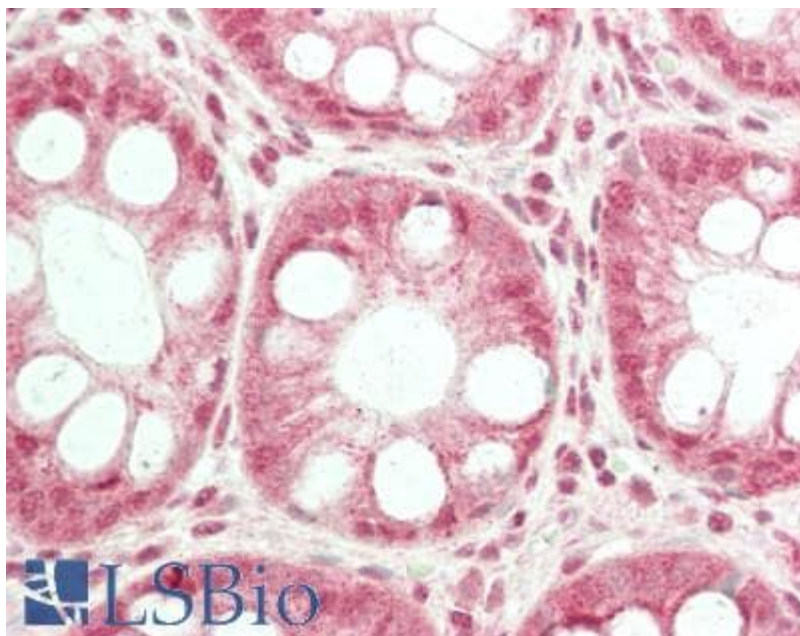**Peptide ELISA:** antibody detection limit dilution 1:64000.
Western blot: Preliminary experiments gave an approx 75kDa band in Mouse and Rat Brain and Spinal Cord lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe 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.