

International 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, Trrp6 Official Symbol: Trpc6 Accession Number(s): NP_038866.2

Non-Human GenelD(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

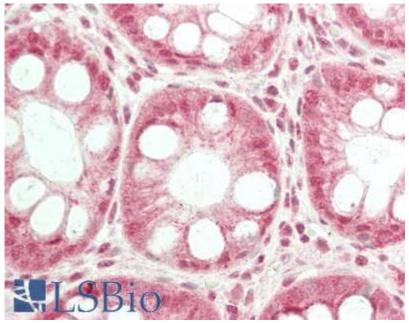
Peptide ELISA: antibody detection limit dilution 1:64000.

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.