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

EB06901 - Goat Anti-TRPC6 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TRPC6, transient receptor potential cation channel, subfamily C, member 6, HGNC:12338, TRP6, transient receptor potential channel 6, FLJ11098, FLJ14863, FSGS2, TRP6

Official Symbol: TRPC6

Accession Number(s): NP_004612.2

Human GeneID(s): [7225](#)

Immunogen

Peptide with sequence C-EKLSMEPNQEETN, from the C Terminus of the protein sequence according to NP_004612.2.

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 1:2000.

Western blot: Preliminary experiments gave an approx 80kDa band in Human Spleen and Testis lysates after 1µg/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 106kDa according to NP_004612.2. The 80kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Flow cytometry: This antibody has been proven to specifically react to TRPC6 in FC.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human, Dog, Pig, Cow