

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**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:** Approx 100kDa band observed in lysates of cell line A549 (calculated MW of 106kDa according to NP\_004612.2). Preliminary experiments also showed 100kDa in Human Lung lysates and in lysates of cell line HEK293. This molecular weight is routinely observed by other sources. Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature. This antibody has been successfully used in WB on Mouse PMID: 32882106.

**Flow Cytometry:** Flow cytometric analysis of A549 cells. Recommended concentration: 10ug/ml.

### Species Reactivity

**Tested:** Human

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

### Specific Reference

**This antibody has been successfully used in WB on Mouse:**

Babar Murtaza, Aziz Hichami, Amira S Khan, Jiri Plesnik, Omar Sery, Alexander Dietrich, Lutz Birnbaumer, Naim A Khan

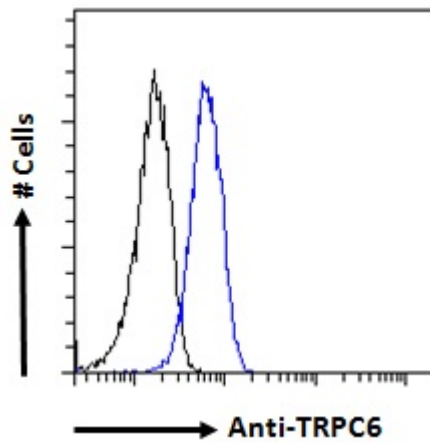
Implication of TRPC3 channel in gustatory perception of dietary lipids

Acta Physiol (Oxf). 2020 Sep 3;e13554. doi: 10.1111/apha.13554.

PMID: 32882106



EB06901 (1 $\mu$ g/ml) staining of A549 cell lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB06901 Flow cytometric analysis of paraformaldehyde fixed A549 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 $\mu$ g/ml) followed by Alexa Fluor 488 secondary antibody (1 $\mu$ g/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.