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

## EB08799 - Goat Anti-TRPV3 (aa762-773) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** TRPV3, transient receptor potential cation channel, subfamily V, member 3, VRL3, vanilloid receptor 3, vanilloid receptor-related osmotically activated channel protein

**Official Symbol:** TRPV3

**Accession Number(s):** NP\_659505.1; NP\_001245134.1

**Human GeneID(s):** [162514](#)

**Non-Human GeneID(s):** 246788 (mouse), 497948 (rat)

### Immunogen

Peptide with sequence C-NKIQDSSRNNSK, from the internal region (near C Terminus) of the protein sequence according to NP\_659505.1; NP\_001245134.1.

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

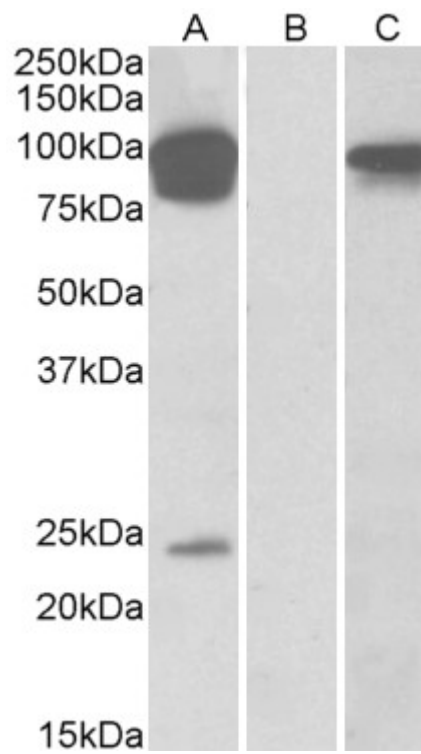
**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** In transfected HEK293 transiently expressing full-length Human TRPV3 (myc and DYKDDDDK tagged), a band of approx. 90kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-DYKDDDDK tag antibody. Recommended concentration, 0.5-1µg/ml.

### Species Reactivity

**Tested:** Human

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



HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human TRPV3 with DYKDDDDK tag probed with EB08799 (0.5ug/ml) in Lane A and probed with anti- DYKDDDDK Tag (1/10000) in lane C. Mock-transfected HEK293 probed with EB08799 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.