

## UK Office

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

## EB07264 - Goat Anti-TAK1 / MAP3K7 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MAP3K7, TAK1, mitogen-activated protein kinase kinase kinase 7, TGF1a, TGF-beta activated kinase 1, transforming growth factor-beta-activated kinase 1

**Official Symbol:** MAP3K7

**Accession Number(s):** NP\_003179.1; NP\_663304.1

**Human GeneID(s):** [6885](#)

**Non-Human GeneID(s):** 26409 (mouse)

**Important Comments:** This antibody is expected to recognise isoform A (NP\_003179.1) and isoform B (NP\_663304.1).

### Immunogen

Peptide with sequence C-AELDQDEKDQQNT, from the internal region of the protein sequence according to NP\_003179.1; NP\_663304.1.

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 1:8000.

**Western blot:** In transfected HEK293 transiently expressing full-length Human MAP3K7 (myc and DYKDDDDK tagged), a band of approx. 75kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-DYKDDDDK tag antibody. Recommended concentration: 1-2µg/ml.

Purchase the +ve control! The transfected lysate used in QC is available for sale. Please email [sales@everestbiotech.com](mailto:sales@everestbiotech.com) to request datasheet, pricing and delivery information.

### Species Reactivity

**Tested:** Human

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

HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human MAP3K7 with DYKDDDDK tag probed with EB07264 (1ug/ml) in Lane A and probed with anti- DYKDDDDK Tag (1/3000) in lane C. Mock-transfected HEK293 probed with EB07264 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.