

## 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.**

## EB11087 - Goat Anti-Terminal Uridyltransferase 4 (mouse) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** 6030404K05Rik, 9230115F04Rik, KIAA0191, mKIAA0191, OTTMUSP00000008601, PPAPD3, RP23-406B13.1, terminal uridylyltransferase 4, TUTase 4, zinc finger CCHC domain-containing protein 11, zinc finger, CCHC domain containing 11, Zcchc11

**Official Symbol:** Tut4

**Accession Number(s):** NP\_780681.2

**Non-Human GeneID(s):** 230594 (mouse), 313481 (rat)

### Immunogen

Peptide with sequence C-QKSAEKQGDLTPSET, from the internal region of the protein sequence according to NP\_780681.2.

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 1:32000.

**Western blot:** Approx 170kDa band observed in Rat Brain lysates (calculated MW of 163kDa according to Rat NP\_001101423.1 and 185kDa according to Mouse NP\_780681.2). Recommended concentration: 0.03-0.1µg/ml. Approx 200kDa band observed in Mouse Testis lysates and not in Knock-out background (calculated MW of 185kDa according to Human NP\_001009881.1 and to Mouse NP\_780681.2).

Recommended concentration: 0.1-0.3µg/ml.

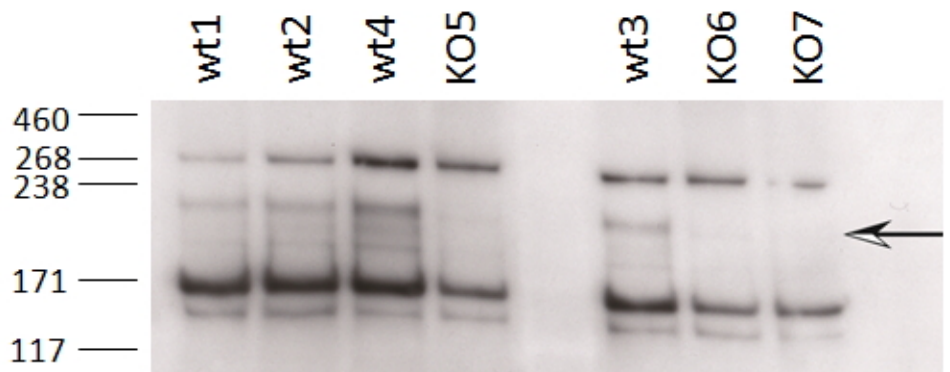
### Species Reactivity

**Tested:** Mouse, Rat

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



EB11087 (0.05 $\mu$ g/ml) staining of Rat Brain lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB11087 (0.2 $\mu$ g/ml) staining of different Testis lysates from wildtype 8-9 week old C57BL/6 (wt) and knock-out (KO) mice (35 $\mu$ g protein in RIPA buffer). Primary incubation was 2 hours. Detected by chemiluminescence. Data obtained from an anonymous customer.