

## UK Office

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

## EB05914 - Goat Anti-TRIM2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** TRIM2, tripartite motif-containing 2, KIAA0517, tripartite motif protein 2, tripartite motif protein TRIM2, RNF86, tripartite motif protein TRIM2

**Official Symbol:** TRIM2

**Accession Number(s):** NP\_056086.2; NP\_001123539.1

**Human GeneID(s):** [23321](#)

**Non-Human GeneID(s):** 80890 (mouse)

**Important Comments:** This antibody is expected to recognise both reported isoforms (NP\_056086.2; NP\_001123539.1). Cross-reactivity with TRIM3 has been demonstrated.

### Immunogen

Peptide with sequence DSGNHCFKVVYRYLQ, from the C Terminus of the protein sequence according to NP\_056086.2; NP\_001123539.1.

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 1:16000.

**Western blot:** Approx 80+85kDa bands observed in Rat Brain lysates (calculated MW of 81.5kDa according to Human NP\_001123539.1, 84.4 according to Human NP\_056086.2 and 83.3 according to Rat NP\_001102022.1). Recommended concentration: 0.5-2µg/ml.. An additional band of unknown identity was also consistently observed at 30kDa. This band was successfully blocked by incubation with the immunizing peptide.

**IHC:** In paraffin embedded Human Brain (Cortex) shows cytoplasm staining in neuronal cell bodies. Recommended concentration: 6-12µg/ml.

### Species Reactivity

**Tested:** Human, Mouse, Rat

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

EB05914 (0.5µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.

EB05914 (6.3µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer  
pH 6, AP-staining.