

## 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; NP\_001337983.1; NP\_001337984.1; NP\_001337985.1; NP\_001337986.1

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

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

**Important Comments:** Cross-reactivity with TRIM3 has been demonstrated in Mouse.

### Immunogen

Peptide with sequence DSGNHCFKVYRYLQ, from the C Terminus of the protein sequence according to NP\_056086.2; NP\_001123539.1; NP\_001337983.1; NP\_001337984.1; NP\_001337985.1; NP\_001337986.1.

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 75-85kDa band observed in Rat Brain lysates (calculated MW of 83.3 according to Rat NP\_001102022.1). An additional band of unknown identity was also consistently observed at 30kDa. This band was successfully blocked by incubation with the immunizing peptide. Recommended concentration: 0.5-1µg/ml. Primary incubation 1 hour at room temperature.

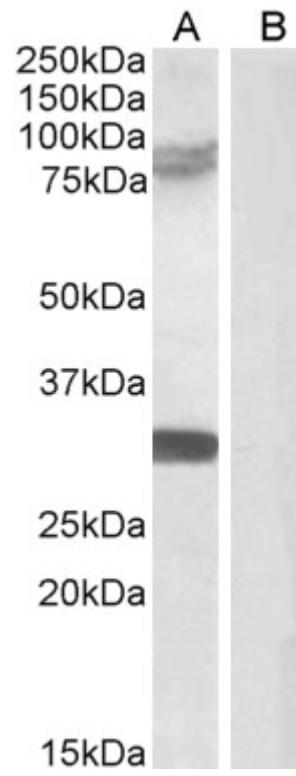
**IHC:** In paraffin embedded Human Brain (Cortex) shows cytoplasm staining in neuronal cell bodies. Recommended concentration: 6-12µg/ml.

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

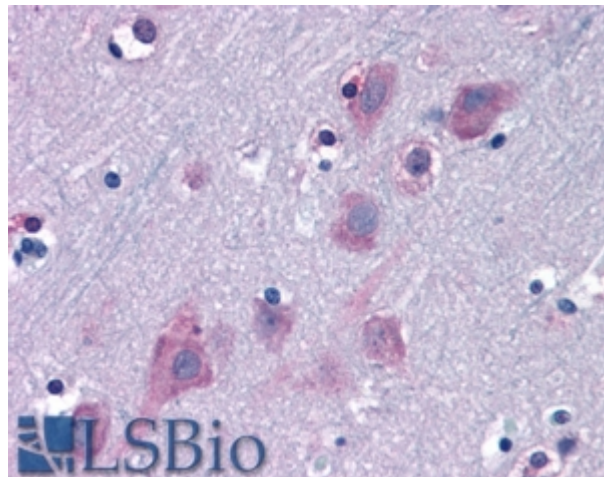
### Species Reactivity

**Tested:** Human, Rat

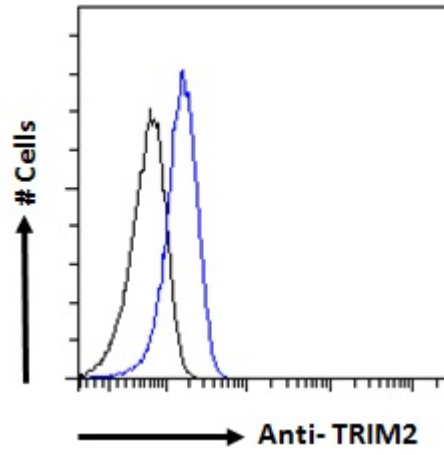
**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow



EB05914 (0.5 $\mu$ g/ml) staining of Rat Brain (A) + Peptide (B) lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



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



EB05914 Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton. Primary incubation overnight (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.