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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_001337985.1I; NP_001337986.1

Human GeneID(s): 23321

Non-Human GenelD(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_001337985.11; 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.

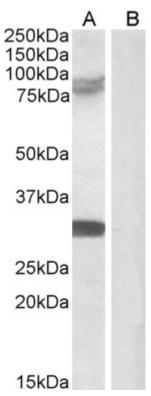
IHC: In paraffin embedded Human Brain (Cortex) shows cytoplasm stainning in neuronal cell bodies. Recommended concentration: 6-12µg/ml.

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

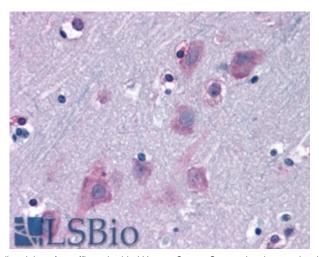
Species Reactivity

Tested: Human, Rat

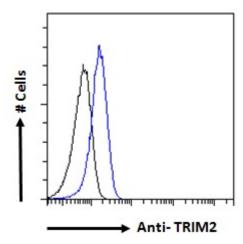
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



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



EB05914 (6.3 μ 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.