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

EB05868 - Goat Anti-BERP / RNF22 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TRIM3, BERP, RNF22, TRIM3, tripartite motif-containing 3, HAC1, RNF97, ring finger protein 22, brain expressed ring finger, tripartite motif protein TRIM3, FLJ16135

Official Symbol: TRIM3

Accession Number(s): NP_006449.2; NP_150594.2

Human GeneID(s): [10612](#)

Non-Human GeneID(s): 55992 (mouse), 83616 (rat)

Important Comments: Both variants (NP_006449.2; NP_150594.2;) represent the same protein. This antibody is expected to recognise all three human isoforms of this protein.

Immunogen

Peptide with sequence AKREDSPGPEVQP-C, from the N Terminus of the protein sequence according to NP_006449.2; NP_150594.2.

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 1:64000.

Western blot: Approx 80kDa band observed in Human Brain (Cerebellum) and Rat Brain lysates and approx 85kDa band seen in Mouse Brain (calculated MW of 80.8kDa according to Human NP_006449.2, Mouse NP_001272799.1 and Rat NP_113974.1).
Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human, Mouse, Rat

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

EB05868 (0.3µg/ml) staining of Human Cerebellum (A) and Rat (B) Brain lysate (35µg protein in RIPA buffer).

Primary incubation was 1 hour. Detected by chemiluminescence

EB05868 staining (0.05µg/ml) of Mouse Brain lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.