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Research Use Only. Not for diagnostic or therapeutic use.

EB09827 - Goat Anti-MAPRE3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: APC binding protein, EB3, EBF3, EBF3-S, microtubule-associated

protein, RP/EB family, member 3, RP3, MAPRE3

Official Symbol: MAPRE3

Accession Number(s): NP_036458.2

Human GenelD(s): 22924

Non-Human GenelD(s): 100732 (mouse)

Immunogen

 $\label{eq:period_period_period_period} \mbox{Peptide with sequence SGRLSNVAPPCILR}, from the internal region of the protein$

sequence according to NP_036458.2.

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 32kDa band observed in Human Brain (Cerebellum and Amygdala)

and Mouse Brain lysates (calculated MW of 32kDa according to NP_036458.2).

Recommended concentration: 0.1-1.0 µg/ml.

Species Reactivity

Tested: Human, Mouse

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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB09827 (0.1μg/ml) staining of Human Brain (Amygdala) lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB09827 (0.3 μ g/ml) staining of Mouse Brain lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.