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EB05253 - Goat Anti-Cortactin / EMS1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: EMS1, CORTACTIN, ems1 sequence (mammary tumor and squamous cell carcinoma-associated (p80/85 src substrate), Cttn, oncogene EMS1, CTTN,

FLJ34459, 1110020L01Rik
Official Symbol: CTTN

Accession Number(s): NP_005222.2; NP_612632.1

Human GeneID(s): 2017

Non-Human GenelD(s): 13043 (mouse)

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_005222.2; NP_612632.1).

Immunogen

Peptide with sequence WKASAGHAVSIA-C, from the N Terminus of the protein sequence according to NP_005222.2; NP_612632.1.

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 1:32000.

Western blot: Approx. 80kDa band observed in Human, Mouse and Rat Brain lysates and in lysates of cell line HEK293 (calculated MW of 61.6kDa according to Human NP_005222.2 and of 61.2kDa according to Mouse NP_031829.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Paradis et al, J Cell Sci. 2008 Jun 15;121(Pt 12):1965-72; PMID 18495841).

Recommended concentration: 0.01-0.03µg/ml.

Species Reactivity

Tested: Human, Mouse, Rat

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



EB05253 (0.01μg/ml) staining of Mouse Brain lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB05253 (0.1 μ g/ml) staining of Human Brain (Cerebellum) lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence

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

EB05253 (0.03μg/ml) staining of HEK293 cell lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence