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

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), Cttm, oncogene EMS1, CTTN, FLJ34459, 1110020L01Rik

Official Symbol: CTTN

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

Human GeneID(s): [2017](#)

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

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