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

EB08426 - Goat Anti-MARK2 / PAR-1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MARK2, PAR-1, MAP/microtubule affinity-regulating kinase 2, EMK1, MGC99619, ELKL motif kinase, ELKL motif kinase 1, protein-serine/threonine kinase, serine/threonine kinase

Official Symbol: MARK2

Accession Number(s): NP_004945.4; NP_001156768.1; NP_001156769.1

Human GeneID(s): [2011](#)

Non-Human GeneID(s): 13728 (mouse), 60328 (rat)

Important Comments: This antibody is expected to recognise isoform c (NP_004945.4), isoform e (NP_001156768.1) and isoform f (NP_001156769.1).

Immunogen

Peptide with sequence C-QNGKDSTAPQR, from the internal region of the protein sequence according to NP_004945.4; NP_001156768.1; NP_001156769.1.

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

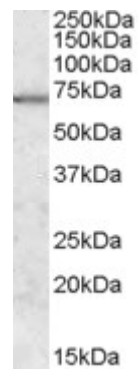
Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 70kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 77.6kDa according to NP_004945.3). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human

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



EB08426 (0.3µg/ml) staining of Human Brain (Cerebellum) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.