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