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

EB10898 - Goat Anti-MKRN1 (aa105-118) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MKRN1, makorin ring finger protein 1, FLJ21334, RNF61, E3 ubiquitin-protein ligase makorin-1, OTTHUMP00000212121, OTTHUMP00000212124, RING finger protein 61

Official Symbol: MKRN1

Accession Number(s): NP_038474.2; NP_001138597.1

Human GeneID(s): [23608](#)

Non-Human GeneID(s): 54484 (mouse)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_038474.2; NP_001138597.1).

Immunogen

Peptide with sequence C-RYEHKPLKQEEAT, from the internet region of the protein sequence according to NP_038474.2; NP_001138597.1.

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 1:64000.

Western blot: Approx 50kDa band observed in fetal Mouse Brain lysates and 35kDa plus fainter 50kDa bands in adult Mouse Brain lysates (calculated MW of 52.9kDa according to NP_061280.2). The observed 35kDa band corresponds to the calculated MW of human isoform 2 (35.2kDa according to NP_001138597.1), but this size isoform has not yet been confirmed in Mouse. Recommended concentration: 1-3µg/ml. In transfected HEK293 transiently expressing full-length Human MKRN1 (myc and DYKDDDDK tagged), a band of approx. 60kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-DYKDDDDK tag antibody. Recommended concentration, 0.3- 1µg/ml.

Purchase the +ve control! The transfected lysate used to QC this product is available for sale. Please email sales@everestbiotech.com to request datasheet, pricing and delivery information.

Species Reactivity

Tested: Human, Mouse

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

EB10898 (1µg/ml) staining of Mouse fetal (A) and adult (B) Brain lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

HEK293 lysate (10ug protein in RIPA buffer) over expressing Human MKRN1 with DYKDDDDK tag probed with EB10898 (0.3ug/ml) in Lane A and probed with anti- DYKDDDDK Tag (1/1000) in lane C. Mock-transfected HEK293 probed with EB10898 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.