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Research Use Only. Not for diagnostic or therapeutic use.

EB10798 - Goat Anti-MOBKL3 (aa137-151) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MOBKL3, MOB1, Mps One Binder kinase activator-like 3 (yeast), 2C4D, MGC12264, MOB1, MOB3, PREI3, class II mMOB1, mob1 homolog 3, phocein,

preimplantation protein 3 **Official Symbol:** MOB4

Accession Number(s): NP_056202.2; NP_955776.1; NP_001094289.1

Human GeneID(s): 25843

Non-Human GenelD(s): 19070 (mouse), 171050 (rat)

Important Comments: This antibody is expected to recognize all three reported isoforms

(NP_056202.2; NP_955776.1; NP_001094289.1).

Immunogen

Peptide with sequence C-NSNKYFPSRVSIKES, from the internal region of the protein sequence according to NP_056202.2; NP_955776.1; NP_001094289.1.

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 1:4000.

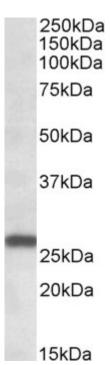
Western blot: Approx 26kDa band observed in Human Brain (Frontal Cortex) and in Mouse and Rat Brain lysates (calculated MW of 26.0kDa according to NP_056202.2). Recommended concentration: $0.3-1\mu g/ml$.

IHC: In paraffin embedded Human Cerebral Cortex shows cytoplasm staining in the neuronal bodies. Recommended concentration, 5-10µg/ml.

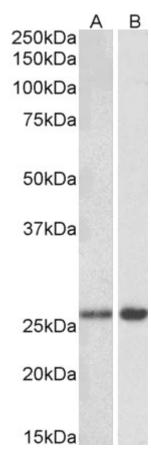
Species Reactivity

Tested: Human, Mouse, Rat

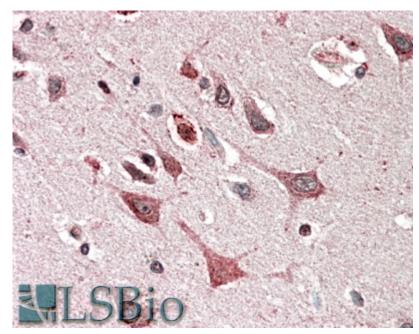
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



EB10798 (0.3 μ g/ml) staining of Human Frontal Cortex lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB10798 (0.3μg/ml) staining of Mouse Brain lysate (A) and (1μg/ml) staining of Rat Brain lysate (B) (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB10798 (5μg/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.