



## International Office

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

## EB10304 - Goat Anti-LMTK2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** AATYK2, apoptosis-associated tyrosine kinase 2, brain-enriched kinase, BREK, cprk, cyclin-dependent kinase 5/p35-regulated kinase, FLJ46659, KIAA1079, kinase phosphatase inhibitor 2, KPI2, KPI-2, lemur tyrosine kinase 2, LMR2, LMTK2

**Official Symbol:** LMTK2

**Accession Number(s):** NP\_055731.2

**Human GeneID(s):** [22853](#)

**Non-Human GeneID(s):** 231876 (mouse), 304286 (rat)

### Immunogen

Peptide with sequence RCINSESSTD, from the internal region of the protein sequence according to NP\_055731.2.

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

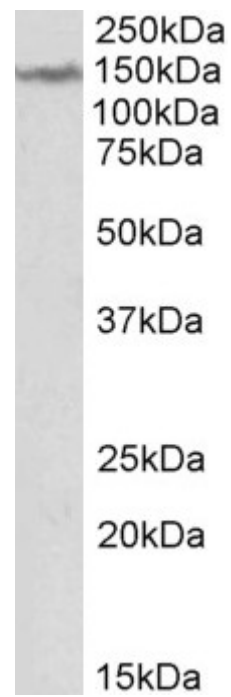
**Peptide ELISA:** antibody detection limit dilution 1:1000.

**Western blot:** Approx 150kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 165kDa according to NP\_055731.2). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

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



EB10304 (2 $\mu$ g/ml) staining of Human Cerebellum lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.