

A15403

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LMTK2 Rabbit pAb

Catalog No.: A15403

Basic Information

Observed MW

Refer to figures

Calculated MW

165kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human

Background

The protein encoded by this gene belongs to the protein kinase superfamily and the protein tyrosine kinase family. It contains N-terminal transmembrane helices and a long C-terminal cytoplasmic tail with serine/threonine/tyrosine kinase activity. This protein interacts with several other proteins, such as Inhibitor-2 (Inh2), protein phosphatase-1 (PP1C), p35, and myosin VI. It phosphorylates other proteins, and is itself also phosphorylated when interacting with cyclin-dependent kinase 5 (cdk5)/p35 complex. This protein involves in nerve growth factor (NGF)-TrkA signalling, and also plays a critical role in endosomal membrane trafficking. Mouse studies suggested an essential role of this protein in spermatogenesis.

Recommended Dilutions

WB 1:200 - 1:2000

Immunogen Information

Gene ID

22853

Swiss Prot

Q8IWU2

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1100-1300 of human LMTK2 (NP_055731.2).

Synonyms

BREK; KPI2; LMR2; cprk; KPI-2; hBREK; AATYK2; PPP1R100; LMTK2

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.