

LMTK2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51320

Product Information

Application	WB, IHC-P
Primary Accession	Q8IWU2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	164900

Additional Information

Gene ID	22853
Other Names	Serine/threonine-protein kinase LMTK2, Apoptosis-associated tyrosine kinase 2, Brain-enriched kinase, hBREK, CDK5/p35-regulated kinase, CPRK, Kinase/phosphatase/inhibitor 2, Lemur tyrosine kinase 2, Serine/threonine-protein kinase KPI-2, LMTK2, AATYK2, BREK, KIAA1079, KPI2, LMR2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human LMTK2. The exact sequence is proprietary.
Dilution	WB~~1:1000 IHC-P~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	LMTK2
Synonyms	AATYK2, BREK, KIAA1079, KPI2, LMR2
Function	Phosphorylates PPP1C, phosphorylase b and CFTR.
Cellular Location	Membrane; Multi- pass membrane protein
Tissue Location	Mainly expressed in skeletal muscle, and weakly in brain and pancreas.

Background

Phosphorylates PPP1C, phosphorylase b and CFTR.

References

Wang H.,et al.J. Biol. Chem. 277:49605-49612(2002).
Kikuno R.,et al.DNA Res. 6:197-205(1999).
Scherer S.W.,et al.Science 300:767-772(2003).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Hillier L.W.,et al.Nature 424:157-164(2003).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.