

KPI-2 / LMTK2 Antibody (clone 3G1)
Mouse Monoclonal Antibody
Catalog # ALS13481**Specification**

KPI-2 / LMTK2 Antibody (clone 3G1) - Product Information

Application	IHC
Primary Accession	Q8IWU2
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	165kDa KDa

KPI-2 / LMTK2 Antibody (clone 3G1) - Additional Information**Gene ID** 22853**Other Names**

Serine/threonine-protein kinase LMTK2, 2.7.11.1, 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

Reconstitution & Storage

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

KPI-2 / LMTK2 Antibody (clone 3G1) is for research use only and not for use in diagnostic or therapeutic procedures.

KPI-2 / LMTK2 Antibody (clone 3G1) - 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

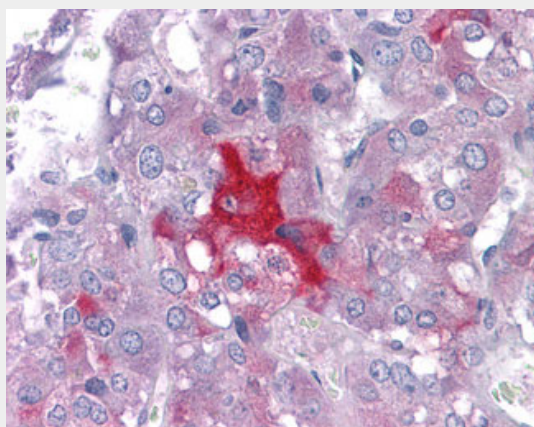
Mainly expressed in skeletal muscle, and weakly in brain and pancreas.

KPI-2 / LMTK2 Antibody (clone 3G1) - Protocols

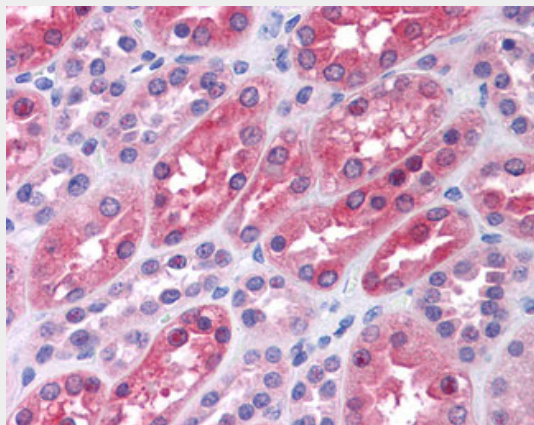
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

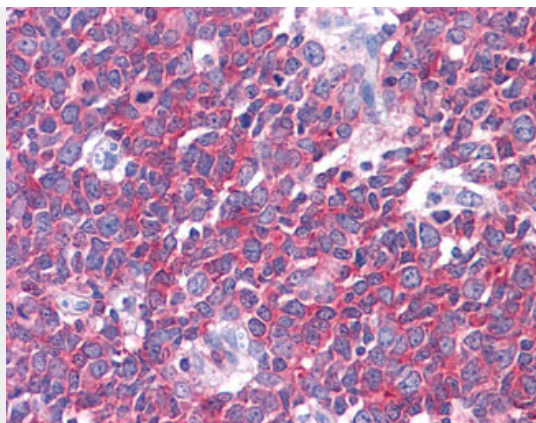
KPI-2 / LMTK2 Antibody (clone 3G1) - Images



Anti-LMTK2 antibody IHC of human adrenal.



Anti-LMTK2 antibody IHC of human kidney.



Anti-LMTK2 antibody IHC of human tonsil.

KPI-2 / LMTK2 Antibody (clone 3G1) - Background

Phosphorylates PPP1C, phosphorylase b and CFTR.

KPI-2 / LMTK2 Antibody (clone 3G1) - 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).
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Hillier L.W.,et al.Nature 424:157-164(2003).