Datasheet for ABIN1533992

anti-LMTK2 antibody (AA 651-700)

3 Images

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Overview

Quantity:	100 µg
Target:	LMTK2
Binding Specificity:	AA 651-700
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LMTK2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human LMTK2.
Isotype:	IgG
Specificity:	LMTK2 Antibody detects endogenous levels of total LMTK2 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	LMTK2
Alternative Name:	LMTK2 (LMTK2 Products)
Background:	Synonyms: Lemur tyrosine kinase 2, Serine/threonine protein kinase KPI-2,

Target Details

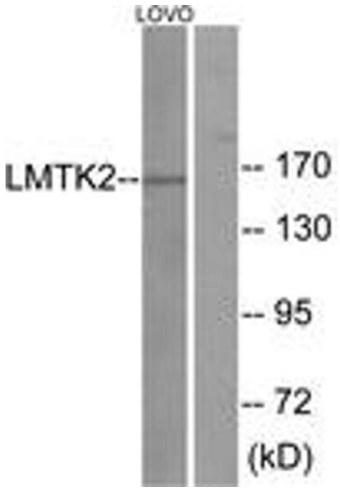
	Kinase/phosphatase/inhibitor 2, Apoptosis-associated tyrosine kinase 2, Brain-enriched kinase, hBREK, CDK5/p35-regulated kinase, CPRK NCBI Gene Symbol: LMTK2
Molecular Weight:	164 kDa
Gene ID:	22853
OMIM:	610989
UniProt:	Q8IWU2
Pathways:	RTK Signaling, Neurotrophin Signaling Pathway

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.444179 (NCBI Gene Symbol: LMTK2)
Restrictions:	For Research Use only

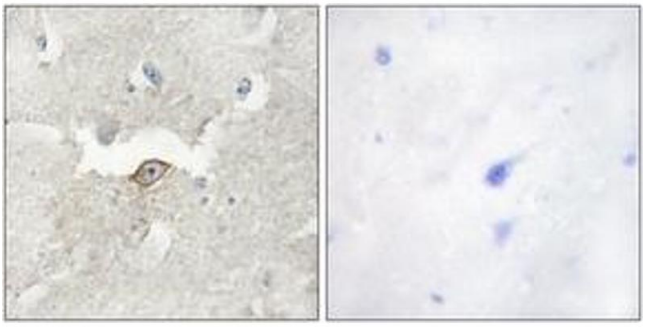
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from LOVO cells, using LMTK2 Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain tissue, using LMTK2 Antibody. The picture on the right is treated with the synthesized peptide.

Immunofluorescence

Image 3. Immunofluorescence analysis of HepG2 cells, using LMTK2 Antibody. The picture on the right is treated with the synthesized peptide.