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## anti-LMTK2 antibody (AA 651-700)

**Images** 



#### Overview

Quantity:	100 μL
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**

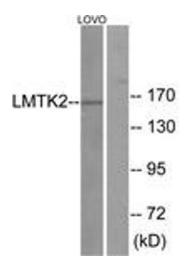
	Kinase/phosphatase/inhibitor 2, Apoptosis-associated tyrosine kinase 2, Brain-enriched kinase, hBREK, CDK5/p35-regulated kinase, CPRK  NCBI Gene Symbol: LMTK2
Molecular Weight:	164 kDa
Gene ID:	22853
OMIM:	610989
UniProt:	Q8IWU2
Pathways:	RTK Signaling, Neurotrophin Signaling Pathway

## **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

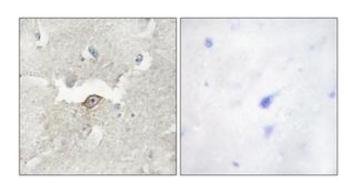
## Handling

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



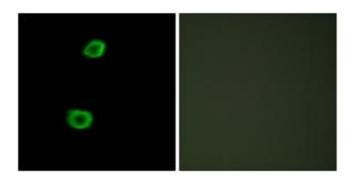
### **Western Blotting**

**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 paraffinembedded 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.