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Datasheet for ABIN7453121 **anti-LMTK2 antibody (AA 675-725)**

Overview

Quantity:	100 µg
Target:	LMTK2
Binding Specificity:	AA 675-725
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LMTK2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit anti-LMTK2 Antibody, Affinity Purified
Immunogen:	Between AA 675 and 725
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	LMTK2
Alternative Name:	LMTK2 (LMTK2 Products)
Background:	Background: Lemur tyrosine kinase (LMTK2) belongs to the protein kinase superfamily and the protein tyrosine kinase family. It contains N-terminal transmembrane helices and a long C-

Target Details

terminal cytoplasmic tail with serine/threonine/tyrosine kinase activity. LMTK2 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. LMTK2 is involved in nerve growth factor (NGF)-TrkA signalling, and also plays a critical role in endosomal membrane trafficking. Mouse studies suggest an essential role of this protein in spermatogenesis [taken from NCBI Entrez Gene (Gene ID: 22853)].

Gene ID: 22853

NCBI Accession: [NP_055731](#)

UniProt: [Q8IWU2](#)

Pathways: [RTK Signaling](#), [Neurotrophin Signaling Pathway](#)

Application Details

Application Notes: IP: Not recommended

WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

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: 4 °C

Expiry Date: 12 months