

Rabbit anti-Mouse LMTK3 Polyclonal Antibody | anti-LMTK3 antibody

LMTK3 Antibody (C-term)

CATALOG # AAA286977	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS ELISA, Western Blot
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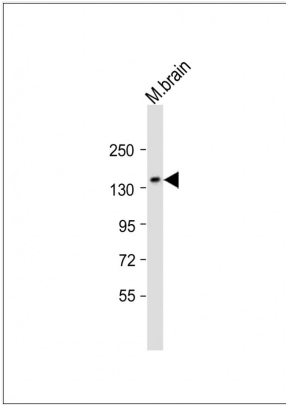
PRODUCT SYNONYMS

LMTK3; Polyclonal Antibody; LMTK3 Antibody (C-term); Serine/threonine-protein kinase LMTK3; Lemur tyrosine kinase 3; KIAA1883; TYKLM3; anti-LMTK3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LMTK3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1192-1226 amino acids from the C-terminal region of human LMTK3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	1460
Applicable Applications for anti-LMTK3 antibody	ELISA, WB (Western Blot)
Antigen Source	Human
Function	Protein kinase which phosphorylates ESR1 (in vitro) and protects it against proteasomal degradation. May also regulate ESR1 levels indirectly via a PKC-AKT-FOXO3 pathway where it decreases the activity of PKC and the phosphorylation of AKT, thereby increasing binding of transcriptional activator FOXO3 to the ESR1 promoter and increasing ESR1 transcription (PubMed:). Involved in endocytic trafficking of N-methyl- D-aspartate receptors (NMDAR) in neurons (By similarity).
Cellular Location	Membrane {ECO:0000250 UniProtKB:Q5XJV6}; Single-pass membrane protein {ECO:0000250 UniProtKB:Q5XJV6}. Cell projection, axon {ECO:0000250 UniProtKB:Q5XJV6}. Cell projection, dendrite {ECO:0000250 UniProtKB:Q5XJV6}. Golgi apparatus membrane {ECO:0000250 UniProtKB:Q5XJV6}. Note=Punctate pattern in cell projections.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Anti-LMTK3 Antibody (C-term)at 1:2000 dilution + mouse brain lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 154 kDaBlocking/Dilution buffer: 5% NFD/MTBST.

ADDITIONAL INFORMATION

Product Categories/Family for anti-LMTK3 antibody	Signal Transduction
References	Nagase T.,et al.DNA Res. 8:179-187(2001). Grimwood J.,et al.Nature 428:529-535(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	117949603
NCBI GeneID	114783
UniProt Accession #	Q96Q04; Q4G0U1
Molecular Weight	153661
NCBI Official Full Name	Serine/threonine-protein kinase LMTK3
NCBI Official Synonym Full Names	lemur tyrosine kinase 3
NCBI Official Symbol	LMTK3
NCBI Official Synonym Symbols	LMR3; TYKLM3; PPP1R101
NCBI Protein Information	serine/threonine-protein kinase LMTK3
UniProt Protein Name	Serine/threonine-protein kinase LMTK3
UniProt Gene Name	LMTK3
UniProt Synonym Gene Names	KIAA1883; TYKLM3
UniProt Entry Name	LMTK3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lmtk3-antibody-western-blot-elisa/286977>