

**LMTK3 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11540a****Specification**

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**LMTK3 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [O96Q04](#)  
Other Accession [XP\\_055866.6](#)

**LMTK3 Antibody (N-term) Blocking peptide - Additional Information****Other Names**

Serine/threonine-protein kinase LMTK3, Lemur tyrosine kinase 3, LMTK3, KIAA1883, TYKLM3

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**LMTK3 Antibody (N-term) Blocking peptide - Protein Information**

**Name** LMTK3

**Synonyms** KIAA1883, TYKLM3

**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:<a href="http://www.uniprot.org/citations/21602804" target="\_blank">21602804</a>). 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

**LMTK3 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**LMTK3 Antibody (N-term) Blocking peptide - Images**

**LMTK3 Antibody (N-term) Blocking peptide - Background**

The specific function of the protein remains unknown.