

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

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:21602804). 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.