

LMTK3 Antibody (aa1251-1300)
Rabbit Polyclonal Antibody
Catalog # ALS15972**Specification**

LMTK3 Antibody (aa1251-1300) - Product Information

Application	WB, IHC-P, E
Primary Accession	Q96Q04
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	154kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

LMTK3 Antibody (aa1251-1300) - Additional Information**Gene ID** 114783**Other Names**

Serine/threonine-protein kinase LMTK3, 2.7.11.1, Lemur tyrosine kinase 3, LMTK3, KIAA1883, TYKLM3

Target/Specificity

LMTK3 Antibody detects endogenous levels of total LMTK3 protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

LMTK3 Antibody (aa1251-1300) is for research use only and not for use in diagnostic or therapeutic procedures.

LMTK3 Antibody (aa1251-1300) - 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

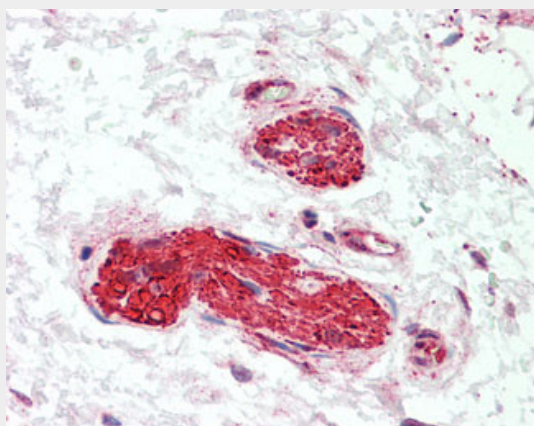
Volume

50 μ l

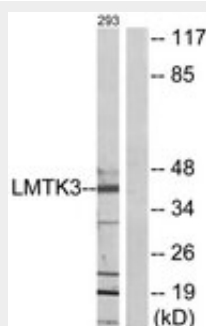
LMTK3 Antibody (aa1251-1300) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LMTK3 Antibody (aa1251-1300) - Images

Anti-LMTK3 antibody IHC staining of human nerve.



Western blot of extracts from 293 cells, using LMTK3 Antibody.

LMTK3 Antibody (aa1251-1300) - References

Nagase T.,et al.DNA Res. 8:179-187(2001).
Grimwood J.,et al.Nature 428:529-535(2004).