

MOBKL3 (aa137-151) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3494a**Specification**

MOBKL3 (aa137-151) Antibody (internal region) - Product Information

Application	WB, IHC, E
Primary Accession	Q9Y3A3
Other Accession	NP_056202.2 , NP_955776.1 , NP_001094289.1 , 25843 , 19070 (mouse) , 171050 (rat)
Reactivity	Human, Mouse, Rat
Predicted	Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	26032

MOBKL3 (aa137-151) Antibody (internal region) - Additional Information**Gene ID** 25843**Other Names**

MOB-like protein phocein, 2C4D, Class II mMOB1, Mob1 homolog 3, Mob3, Mps one binder kinase activator-like 3, Preimplantation protein 3, MOB4, MOB3, MOBKL3, PHOCN, PREI3

DilutionWB~~1:1000
IHC~~1:100~500
E~~N/A**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MOBKL3 (aa137-151) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

MOBKL3 (aa137-151) Antibody (internal region) - Protein Information**Name** MOB4 ([HGNC:17261](#))**Function**

Part of the striatin-interacting phosphatase and kinase (STRIPAK) complexes. STRIPAK complexes have critical roles in protein (de)phosphorylation and are regulators of multiple signaling pathways including Hippo, MAPK, nuclear receptor and cytoskeleton remodeling. Different types of STRIPAK complexes are involved in a variety of biological processes such as cell growth, differentiation, apoptosis, metabolism and immune regulation.

Cellular Location

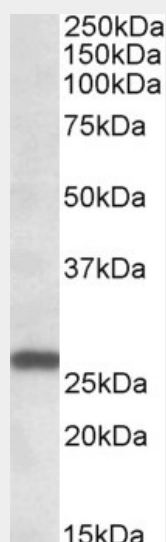
Cytoplasm, perinuclear region. Membrane; Peripheral membrane protein. Golgi apparatus, Golgi stack membrane; Peripheral membrane protein. Note=In a perinuclear punctate pattern. Associated with membranes and the Golgi stacks

MOBK L3 (aa137-151) Antibody (internal region) - Protocols

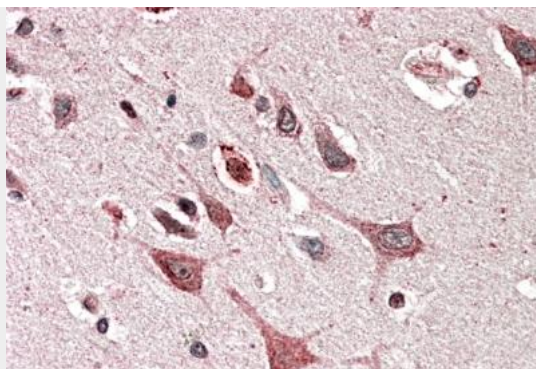
Provided below are standard protocols that you may find useful for product applications.

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

MOBK L3 (aa137-151) Antibody (internal region) - Images



AF3494a (0.3 µg/ml) staining of Human Frontal Cortex lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF3494a (5 µg/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



AF3494a (0.3µg/ml) staining of Mouse Brain lysate (A) and (1µg/ml) staining of Rat Brain lysate (B) (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

MOBKL3 (aa137-151) Antibody (internal region) - Background

This antibody is expected to recognize all three reported isoforms (NP_056202.2; NP_955776.1; NP_001094289.1).

MOBKL3 (aa137-151) Antibody (internal region) - References

Threonine 74 of MOB1 is a putative key phosphorylation site by MST2 to form the scaffold to activate nuclear Dbf2-related kinase 1. Hirabayashi S, Nakagawa K, Sumita K, Hidaka S, Kawai T, Ikeda M, Kawata A, Ohno K, Hata Y, Oncogene 2008 Jul 27 (31): 4281-92. PMID: 18362890