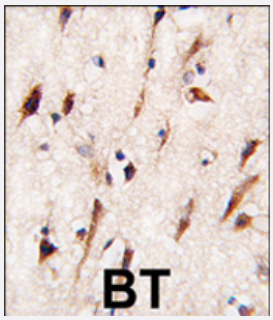
MOBKL1A polyclonal antibody

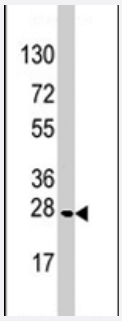
Catalog # PAB4556 Size 400 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human brain tissue reacted with MOBKL1A polyclonal antibody (Cat # PAB4556) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining . This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated .



Western Blot (Cell lysate)

Western blot analysis of MOBKL1A polyclonal antibody (Cat # PAB4556) in Ramos cell line lysates (35 ug/lane). MOBKL1A (arrow) was detected using the purified MOBKL1A polyclonal antibody (Cat # PAB4556).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of MOBKL1A.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human MOBKL1A.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification

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Recommend Usage	ELISA (1:1000) Western Blot (1:100-500) Immunohistochemistry (1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Formalin-fixed and paraffin-embedded human brain tissue reacted with MOBKL1A polyclonal antibody (Cat # PAB4556) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining . This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated .

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Cell lysate)

  Western blot analysis of MOBKL1A polyclonal antibody (Cat # PAB4556) in Ramos cell line lysates (35 ug/lane). MOBKL1A (arrow) was detected using the purified MOBKL1A polyclonal antibody (Cat # PAB4556).

Gene Info — MOBKL1A

Entrez GeneID	92597
Protein Accession#	NP_775739;Q7L9L4
Gene Name	MOBKL1A
Gene Alias	MATS2, MGC33910, MOB4A, Mob1B
Gene Description	MOB1, Mps One Binder kinase activator-like 1A (yeast)
Omim ID	609282
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is similar to the yeast Mob1 protein. Yeast Mob1 binds Mps1p, a protein kinase essential for spindle pole body duplication and mitotic checkpoint regulation. [pro vided by RefSeq

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Other Designations	MOB1, Mps One Binder kinase activator-like 1A

Publication Reference

- Mechanism of activation of NDR (nuclear Dbf2-related) protein kinase by the hMOB1 protein.

  Bichsel SJ, Tamaskovic R, Stegert MR, Hemmings BA.

  The Journal of Biological Chemistry 2004 Aug; 279(34):35228.

- Human Mob proteins regulate the NDR1 and NDR2 serine-threonine kinases.

  Devroe E, Erdjument-Bromage H, Tempst P, Silver PA.

  The Journal of Biological Chemistry 2004 Apr; 279(23):24444.

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