

Rabbit MOB4A Polyclonal Antibody | anti-MOB1B antibody

MOB4A Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284240	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Western Blot, Immunofluorescence, Immunohistochemistry, ELISA

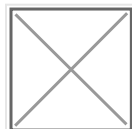
PRODUCT SYNONYMS

MOB4A; Polyclonal Antibody; MOB4A Antibody (C-term); MOB kinase activator 1B; Mob1 homolog 1A; Mob1A; Mob1B; Mps one binder kinase activator-like 1A; MOB1B; MOBKL1A; anti-MOB1B antibody

PRODUCT SPECIFICATIONS

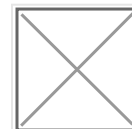
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MOB4A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 177-206 amino acids from the C-terminal region of human MOB4A.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	177-206
Sequence Length	221
Applicable Applications for anti-MOB1B antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human brain tissue reacted with MOB4A antibody (C-term), 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.



IF (Immunofluorescence)

Fluorescent image of NIH/3T3 cell stained with MOB4A Antibody (C-term). NIH/3T3 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with MOB4A primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). MOB4A immunoreactivity is localized to Cytoplasm significantly.

**WB (Western Blot)**

MOB4A Antibody (C-term) western blot analysis in Daudi, K562 cell line lysates (35ug/lane). This demonstrates the MOB4A antibody detected the MOB4A protein (arrow).

**WB (Western Blot)**

Western blot analysis of lysates from K562, Daudi cell line (from left to right), using MOB4A Antibody (C-term). AAA284240 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-MOB1B antibody	MOB4A is similar to the yeast Mob1 protein. Yeast Mob1 binds Mps1p, a protein kinase essential for spindle pole body duplication and mitotic checkpoint regulation. Mob4A regulates NDR1 and NDR2 kinase activity, widely expressed nuclear serine-threonine kinases that have been implicated in cell proliferation and/or tumor progression.
Product Categories/Family for anti-MOB1B antibody	Crown Antibodies ; Signal Transduction
References	Bichsel, S.J., J. Biol. Chem. 279 (34), 35228-35235 (2004) Devroe, E., J. Biol. Chem. 279 (23), 24444-24451 (2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	348041379
NCBI GeneID	92597
NCBI Accession #	NP_001231695.1; NP_775739.1
NCBI GenBank Nucleotide #	NM_001244766.1
UniProt Accession #	Q7L9L4; Q8IY23; B2R8U6; B4DRY3
Molecular Weight	25091
NCBI Official Full Name	MOB kinase activator 1B isoform 1
NCBI Official Synonym Full Names	MOB kinase activator 1B
NCBI Official Symbol	MOB1B
NCBI Official Synonym Symbols	MATS2; MOB4A; MOBKL1A
NCBI Protein Information	MOB kinase activator 1B
UniProt Protein Name	MOB kinase activator 1B
UniProt Gene Name	MOB1B
UniProt Synonym Gene Names	MOB4A; MOBKL1A; Mob1A
UniProt Entry Name	MOB1B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mob4a-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/284240>