10320 Camino Santa Fe, Suite G
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MOB1B / MOBKL1A Antibody (aa101-150)

Rabbit Polyclonal Antibody
Catalog # ALS15761

Specification

MOB1B / MOBKL1A Antibody (aa101-150) - Product Information

Application	**IHC, WB**
Primary Accession	Q7L9L4
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**25kDa KDa**

MOB1B / MOBKL1A Antibody (aa101-150) - Additional Information

Gene ID 92597

Other Names
MOB kinase activator 1B, Mob1 homolog 1A, Mob1A, Mob1B, Mps one binder kinase activator-like 1A, MOB1B, MOB4A, MOBKL1A

Target/Specificity
MOL1A Antibody detects endogenous levels of total MOL1A protein.

Reconstitution & Storage
Store at -20°C for up to one year.

Precautions
MOB1B / MOBKL1A Antibody (aa101-150) is for research use only and not for use in diagnostic or therapeutic procedures.

MOB1B / MOBKL1A Antibody (aa101-150) - Protein Information

Name MOB1B

Synonyms MOB4A, MOBKL1A

Function
Activator of LATS1/2 in the Hippo signaling pathway which plays a pivotal role in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. The core of this pathway is composed of a kinase cascade wherein STK3/MST2 and STK4/MST1, in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncoprotein and WWTR1/TAZ. Phosphorylation of YAP1 by LATS1/2 inhibits its translocation into the nucleus to regulate cellular genes important for cell proliferation, cell death, and cell migration. Stimulates the kinase activity of STK38L.

Cellular Location

Cytoplasm. Nucleus

Tissue Location
Adrenal gland, bone marrow, brain, lung, placenta, prostate, salivary gland, skeletal muscle, testis, thymus, thyroid gland, uterus, colon with mucosa, fetal brain and fetal liver

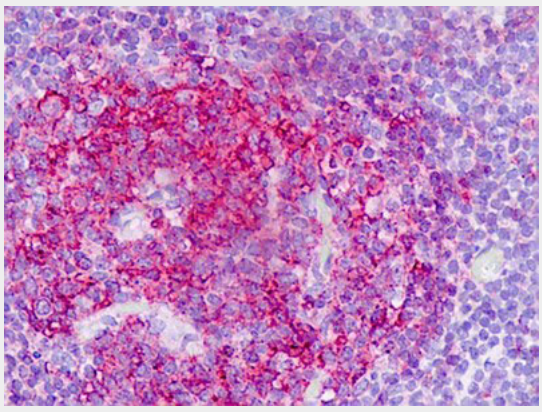
Volume
50 µl

MOB1B / MOBKL1A Antibody (aa101-150) - Protocols

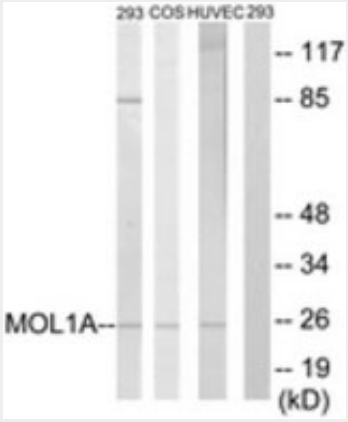
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MOB1B / MOBKL1A Antibody (aa101-150) - Images



Human, Tonsil: Formalin-Fixed Paraffin-Embedded (FFPE)



Western blot of extracts from 293/COS7/HUVEC cells, treated with IFN 2500U/ml 30', using MOL1A...

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MOB1B / MOBKL1A Antibody (aa101-150) - Background

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MOB1B / MOBKL1A Antibody (aa101-150) - References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
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Devroe E.,et al.J. Biol. Chem. 279:24444-24451(2004).
Praskova M.,et al.Curr. Biol. 18:311-321(2008).