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Phospho-MOB1A/MOB1B-T35 Rabbit mAb

Catalog No.: AP1646 Recombinant

Basic Information

Observed MW
24 kDa

Calculated MW
17 kDa/25 kDa

Category
Primary antibody

Applications
WB,IHC-P,ELISA

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC3836

Background

The protein encoded by this gene is a componenDt of the Hippo signaling pathway, which controls organ size and tumor growth by enhancing apoptosis. Loss of the encoded protein results in cell proliferation and cancer formation. The encoded protein is also involved in the control of microtubule stability during cytokinesis. Several transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB	1:3000 - 1:25000
IHC-P	1:100 - 1:400
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000)，a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID
55233/92597

Swiss Prot
Q9H8S9/Q7L9L4

Immunogen
This information is considered to be commercially sensitive.

Synonyms
C2orf6; MABKL1B; MATS1; MOB1; MOBK1B; MOBKL1B; Mob4B; MATS2; MOB4A; MOBKL1A

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

Contact

400-999-6126

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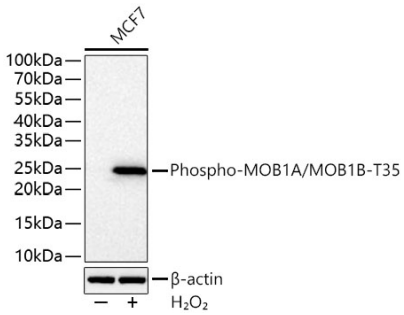
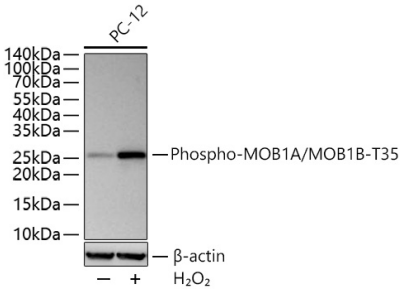
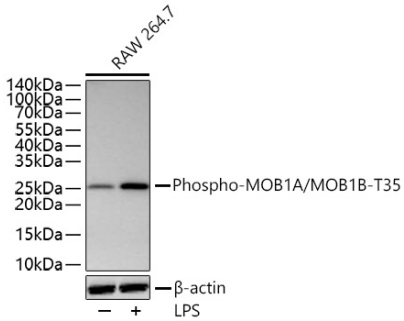
Validation Data



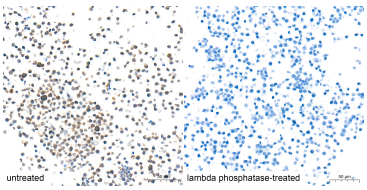
Western blot analysis of lysates from MCF7 cells using Phospho-MOB1A/MOB1B-T35 Rabbit mAb (AP1646) at 1:12000 dilution incubated overnight at 4℃. MCF7 cells were treated with H_2O_2 (1 mM) at 37℃ for 15 minutes.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 30 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 20 s.



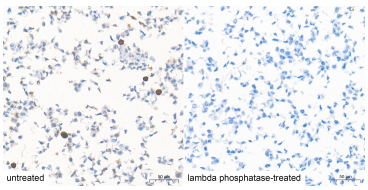
Western blot analysis of lysates from PC-12 cells using Phospho-MOB1A/MOB1B-T35 Rabbit mAb (AP1646) at 1:9000 dilution incubated overnight at 4℃. PC-12 cells were treated with H_2O_2 (2.5 mM) at 37℃ for 30 minutes.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 30 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1 s.



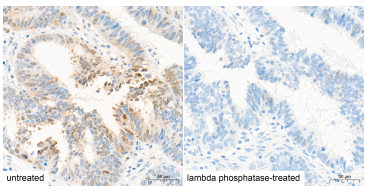
Western blot analysis of lysates from RAW 264.7 cells using Phospho-MOB1A/MOB1B-T35 Rabbit mAb (AP1646) at 1:9000 dilution incubated overnight at 4℃. RAW 264.7 cells were treated with LPS (1 µg/mL) at 37°C for 16 hours after serum starvation for 8 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 30 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45 s.



Immunohistochemistry analysis of paraffin-embedded RAW 264.7 cells, untreated (left) and lambda phosphatase-treated (right), using Phospho-MOB1A/MOB1B-T35 Rabbit mAb (AP1646) at a dilution of 1:400 (40x



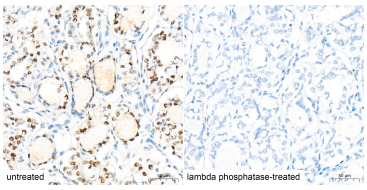
Immunohistochemistry analysis of paraffin-embedded PC-12 cells, untreated (left) and lambda phosphatase-treated (right), using Phospho-MOB1A/MOB1B-T35 Rabbit mAb (AP1646) at a dilution of 1:400 (40x lens).



Immunohistochemistry analysis of paraffin-embedded Human oophoroma tissue, untreated (left) and lambda phosphatase-treated (right), using Phospho-MOB1A/MOB1B-T35 Rabbit mAb (AP1646) at

Validation Data

lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue, untreated (left) and lambda phosphatase-treated (right), using Phospho-MOB1A/MOB1B-T35 Rabbit mAb (AP1646) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

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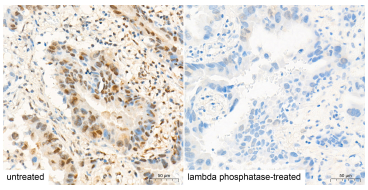

Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue, untreated (left) and lambda phosphatase-treated (right), using Phospho-MOB1A/MOB1B-T35 Rabbit mAb (AP1646) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

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