Anti-MOB1A/MOB1B Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P104283

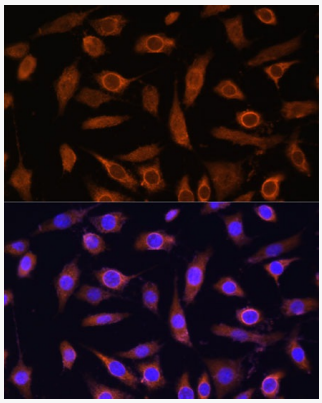
Product Information

Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2000; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 150-250 of human MOB1A/MOB1B (NP_060691.2/NP_775739.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-MOB1A/MOB1B Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

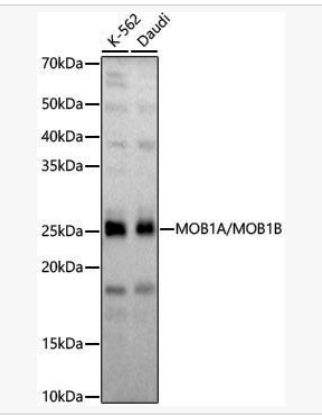
Protein Information

Synonyms	MOB1A/MOB1B.
Calculated MW	Observed MW: 24 kDa
Uniprot ID	Q9H8S9, Q7l9L4
Gene ID	55233, 92597
Background	The protein MOB1 is considered to be one of the core components of the mammalian 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. MOB1A and MOB1B, which have 95% sequence identity, play redundant biological roles and are both termed MOB1.

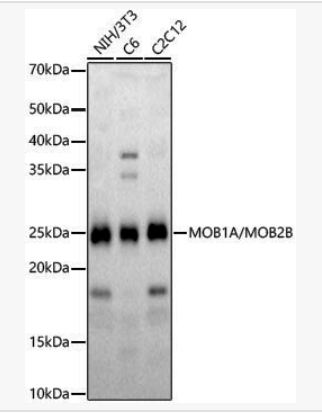
Validation Images



Immunofluorescence analysis of L929 cells using MOB1A/MOB1B Rabbit pAb (P104283) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates, using MOB1A/MOB1B Rabbit pAb (P104283) at 1:1500 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 10s.



Western blot analysis of various lysates, using MOB1A/MOB2B Rabbit pAb (P104283) at 1:1500 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 30s.