

Product datasheet for **TA350765**

MOB4A (MOB1B) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1000-2000, WB: 200-1000
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human MOB1B
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	25 kDa
Gene Name:	MOB kinase activator 1B
Database Link:	NP_001231695 Entrez Gene 68473 Mouse Entrez Gene 92597 Human Q7L9L4

Background: 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. Three transcript variants encoding different isoforms have been found for this gene. 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.



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Synonyms: MATS2; MOB4A; MOBKL1A

Product images:



Gel: 12%SDS-PAGE, Lysate: 40 ug, Lane 1-2: Jurkat cells, K562 cells, Primary antibody: (MOB1B Antibody) at dilution 1/112.5, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 40 seconds