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Datasheet for ABIN7160117

anti-MOB1A antibody (AA 2-216) (Biotin)

Overview

Quantity:	100 µg
Target:	MOB1A (MOBKL1B)
Binding Specificity:	AA 2-216
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MOB1A antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human MOB kinase activator 1A protein (2-216AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MOB1A (MOBKL1B)
Alternative Name:	MOB1A (MOBKL1B Products)
Background:	Background: 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.

Target Details

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 STK38 and STK38L. Acts cooperatively with STK3/MST2 to activate STK38.

Aliases: B1, Mps One Binder kinase activator like 1B (yeast) antibody, C2orf6 antibody, Chromosome 2 open reading frame 6 antibody, FLJ10788 antibody, FLJ11595 antibody, MATS1 antibody, MOB kinase activator 1A antibody, MOB1 antibody, Mob1 alpha antibody, Mob1 homolog 1B antibody, MOB1 Mps One Binder homolog A antibody, MOB1 Mps One Binder kinase activator like 1B antibody, Mob1A antibody, MOB4B antibody, Mob4B protein antibody, MOBK1B antibody, Mobkl1b antibody, MOL1B_HUMAN antibody, Mps one binder kinase activator like 1B antibody, Mps one binder kinase activator-like 1B antibody, Protein Mob4B antibody

UniProt: [Q9H8S9](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.