Mob1A/B (D127) polyclonal antibody

Catalog: BS2322 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

MOB1 was first identified in yeast as a protein that binds to Mps with essential roles in the completion of mitosis and the maintenance of ploidy. Its Drosophila and mammalian homologs, Mats and MOB1, respectively, are involved in the Hippo signaling tumor suppressor pathway, which plays a critical role in organ size regulation and which has been implicated in cancer development. There are two MOB1 proteins in humans, MOB1α and MOB1β, that are encoded by two different genes but which have greater than 95% amino acid sequence identity. Both forms bind to members of the nuclear Dbf2-related (NDR) kinases, such as LATS1/2 and NDR1/2, thereby stimulating kinase activity. This binding is promoted by the phosphorylation of MOB1 at several threonine residues by MST1 and/or MST2.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 25 kDa

Swiss-Prot:

Q7L9L4

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

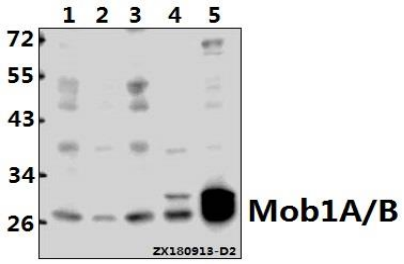
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

Mob1A/B (D127) polyclonal antibody detects endogenous levels of Mob1A/B protein.

DATA:



Western blot (WB) analysis of Mob1A/B (D127) polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate(40ug)

Lane2:H1792 whole cell lysate(20ug)

Lane3:HCT116 whole cell lysate(40ug)

Lane4:CT26 whole cell lysate(40ug)

Lane5:PMVEC whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.
Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.
Email: info@bioworlde.com
Tel: 6123263284
Fax: 6122933841

Bioworld technology, co. Ltd.
Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.
Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151