

Anti-MOB3B Antibody

Catalog # AP51357

Product Information

Application	WB, IHC
Primary Accession	Q86TA1
Reactivity	Human, Bovine, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25464

Additional Information

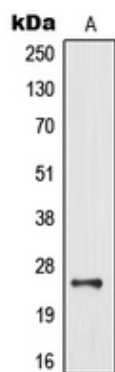
Gene ID	79817
Other Names	MOBKL2B; MOB kinase activator 3B; Mob1 homolog 2b; Mps one binder kinase activator-like 2B
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MOB3B. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

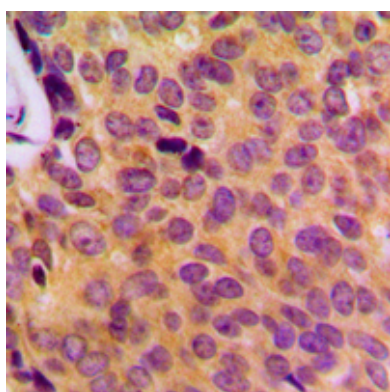
Name	MOB3B (HGNC:23825)
Function	Modulates LATS1 expression in the Hippo signaling pathway which plays a pivotal role in organ size control and tumor suppression by restricting proliferation and promoting apoptosis.

References

Florindo C.S.,et al.Submitted (AUG-2003) to the EMBL/GenBank/DDBJ databases.
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).



Western blot analysis of MOB3B expression in human brain (A) whole cell lysates. (Predicted band size: 25 kD; Observed band size: 25 kD)



Immunohistochemical analysis of MOB3B staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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