

## MOB1A Polyclonal Antibody

catalog number: **E-AB-16616**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

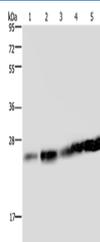
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Synthetic peptide of human MOB1A
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

### Applications

### Recommended Dilution

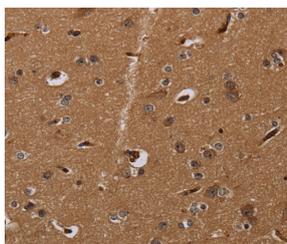
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:200

### Data

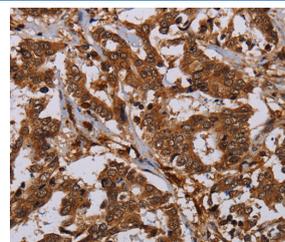


Western Blot analysis of HeLa and Jurkat cell, Mouse liver tissue, K562 and A375 cell using MOB1A Polyclonal Antibody at dilution of 1:200

**Calculated-MV:25 kDa**



Immunohistochemistry of paraffin-embedded Human brain using MOB1A Polyclonal Antibody at dilution of 1:30



Immunohistochemistry of paraffin-embedded Human liver cancer using MOB1A Polyclonal Antibody at dilution of 1:30

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

### For Research Use Only

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, MOB1 $\alpha$  and MOB1 $\beta$ , that are encoded by two different genes but which have greater than 95% amino acid sequence identity.

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