

## Recombinant CAB39/MO25 Monoclonal Antibody

catalog number: AN301743L

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

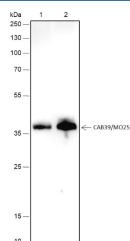
### Description

<b>Reactivity</b>	Human;
<b>Immunogen</b>	Recombinant human CAB39/MO25 fragment
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG, $\kappa$
<b>Clone</b>	A451
<b>Purification</b>	Protein A purified
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
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### Data



Western Blot with CAB39/MO25 Monoclonal Antibody at dilution of 1:2000. Lane 1: HepG2, Lane 2: HeLa

**Observed-MW:40 kDa**

**Calculated-MW:40 kDa**

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### Background

MO25, also called CAB39 (calcium binding protein 39), forms a heterotrimeric complex with an LKB1 (ste20-related adaptor and liver kinase B1) and this complex acts as a major upstream regulator of AMPK-mTOR pathway in mammalian cells. It is well known that AMPK exhibits a number of functions, including the regulation of metabolism, cell polarity, and autophagy in mammalian cells.

### For Research Use Only