

## AP2M1 polyclonal antibody

Catalog: BS60101

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

Adaptins are heterotetrameric subunits of adaptors, which are complexes involved in the formation of Clathrin-coated pits for vesicle-mediated endocytosis. Clathrin and its associated heterotetrameric protein complexes make up the main protein components of the coat surrounding the cytoplasmic face of coated vesicles. The Adaptin family, comprising  $\alpha$ ,  $\beta$ ,  $\beta'$  and  $\gamma$  classes, is also responsible for the transport of ligand-receptor complexes from plasma membranes and the trans-Golgi network to lysosomes. Two main types of adaptor proteins (APs), AP-1 and AP-2, are found in Clathrin-coated structures located at the Golgi complex and the plasma membrane of mammalian cells, respectively. Adaptor protein complex 2 (AP-2) is composed of two large Adaptins ( $\alpha 1A/AP2A1$  and  $\beta 1/AP2B1$ ), a medium Adaptin ( $m2/AP-2m1$ ) and a small Adaptin ( $s2$  long/AP2S1). AP-2m1, a 435 amino acid protein, links Clathrin to receptors in coated vesicles.

### Product:

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

### Molecular Weight:

~ 50 kDa

### Swiss-Prot:

Q96CW1

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

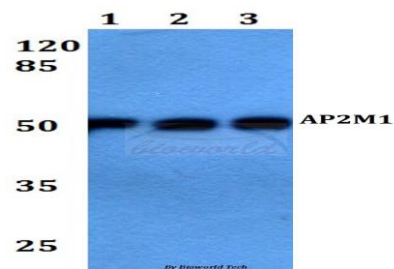
### Storage&Stability:

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

### Specificity:

AP2M1 polyclonal antibody detects endogenous levels of AP2M1 protein.

### DATA:



Western blot (WB) analysis of AP2M1 polyclonal antibody at 1:500 dilution

Lane1: MCF-7 whole cell lysate

Lane2: Mouse brain tissue lysate

Lane3: Rat brain tissue lysate

### Note:

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

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