

**Phospho-AP2M1-T156 polyclonal antibody**

Catalog: BS74183

Host: Rabbit

Reactivity: Human, Mouse

**BackGround:**

This gene encodes a subunit of the heterotetrameric coat assembly protein complex 2 (AP2), which belongs to the adaptor complexes medium subunits family. The encoded protein is required for the activity of a vacuolar ATPase, which is responsible for proton pumping occurring in the acidification of endosomes and lysosomes. The encoded protein may also play an important role in regulating the intracellular trafficking and function of CTLA-4 protein. Three transcript variants encoding different isoforms have been found for this gene.

**Product:**

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

**Molecular Weight:**

50kDa

**Swiss-Prot:**

Q96CW1

**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:**

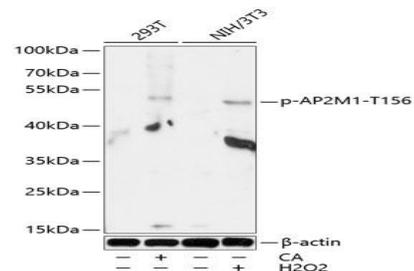
WB, 1:500 - 1:2000

**Storage&Stability:**

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

**Modification:**

Phosphorylated

**DATA:**

Western blot analysis of extracts of 293T and NIH/3T3 cells, using Phospho-AP2M1-T156 antibody at 1:1000 dilution. 293T cells were treated by Calyculin A for 30 minutes after serum-starvation overnight. NIH/3T3 cells were treated by Hydrogen Peroxide for 15 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 30s.

**Note:**

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

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