bs-11242R **[Primary Antibody]**

phospho-AP2M1 (Thr156) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 1173 **SWISS:** Q96CW1

Target: AP2M1 (Thr156)

Immunogen: KLH conjugated synthesised phosphopeptide derived from human AP2M1 around the phosphorylation site of Thr156: QV(p-T)GQ.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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 a, b, and g 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 (a1A/AP2A1 and b1/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.

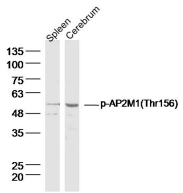
Applications: **WB** (1:500-2000)

Reactivity: Mouse (predicted: Human, Rat, Sheep, Chicken)

Predicted MW.: 50 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: Spleen （mouse） Lysate at 40 ug Cerebrum （mouse） Lysate at 40 ug Primary: Anti-p-AP2M1(Thr156) (bs-11242R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 50 kD Observed band size: 50 kD