

#### KD-Validated Anti-AP3M1 Rabbit Monoclonal Antibody Rabbit monoclonal antibody Catalog # AGI1893

### **Specification**

## KD-Validated Anti-AP3M1 Rabbit Monoclonal Antibody - Product Information

Application Primary Accession Reactivity Clonality Isotype Calculated MW Gene Name Aliases	WB <u>O9Y2T2</u> Rat, Human, Mouse Monoclonal Rabbit IgG Predicted, 47 kDa, observed, 43 kDa KDa AP3M1 AP3M1; Adaptor Related Protein Complex 3 Subunit Mu 1; Adaptor Related Protein Complex 3 Mu 1 Subunit; AP-3 Complex Subunit Mu-1; Mu-Adaptin 3A; Mu3A-Adaptin; Adapter-Related Protein Complex 3 Mu-1 Subunit; Adaptor-Related Protein Complex 3 Subunit Mu-1; Clathrin Adaptor Complex AP3, Mu-3A Subunit; AP-3 Adapter Complex Mu3A Subunit; AP-3
Immunogen	Adaptor Complex Mu3A Subunit A synthesized peptide derived from human AP3M1

### KD-Validated Anti-AP3M1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 26985 Other Names AP-3 complex subunit mu-1, AP-3 adaptor complex mu3A subunit, Adaptor-related protein complex 3 subunit mu-1, Mu-adaptin 3A, Mu3A-adaptin, AP3M1

### KD-Validated Anti-AP3M1 Rabbit Monoclonal Antibody - Protein Information

Name AP3M1

#### Function

Part of the AP-3 complex, an adaptor-related complex which is not clathrin-associated. The complex is associated with the Golgi region as well as more peripheral structures. It facilitates the budding of vesicles from the Golgi membrane and may be directly involved in trafficking to lysosomes. In concert with the BLOC-1 complex, AP-3 is required to target cargos into vesicles assembled at cell bodies for delivery into neurites and nerve terminals.

### **Cellular Location**

Golgi apparatus. Cytoplasmic vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Note=Component of the coat surrounding the cytoplasmic face of coated vesicles located at the Golgi complex

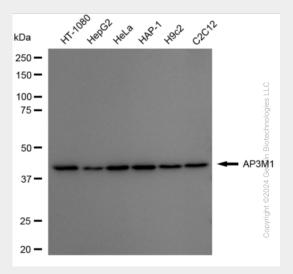


# KD-Validated Anti-AP3M1 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

## KD-Validated Anti-AP3M1 Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-AP3M1 antibody (Cat#AGI1893). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-AP3M1 antibody (Cat#AGI1893, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

kDa N si <sup>RN®</sup> 250 <b>–</b> 150 <b>–</b>	kDa 5 250 – 150 – 100 –	Biotechnologies LL
100 <b>-</b> 75 <b>- -</b> Hsp90 α	75 <b>—</b>	
50 <b>—</b> 37 <b>—</b>	50 <b>—</b> 37 <b>—</b>	
25 <b>—</b>	25 <b>—</b>	yrright ©2024 Go
20 — 15 —	20 <b>—</b> 15 <b>—</b>	yright

Western blotting analysis using anti-AP3M1 antibody (Cat#AGI1893). AP3M1 expression in wild type (WT) and AP3M1 knockdown (KD) HeLa cells with 20  $\mu$ g of total cell lysates. Hsp90  $\alpha$  serves as a loading control. The blot was incubated with anti-AP3M1 antibody (Cat#AGI1893, 1:5,000) and HRP-conjugated goat anti-Rabbit secondary antibody respectively.