

## Product datasheet for **TA340139**

### AP3M2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-AP3M2 antibody: synthetic peptide directed towards the middle region of human AP3M2. Synthetic peptide located within the following region: VVNTITGSTNVGDQLPTGQLSVVPWRRRTGVKYNNEAYFDVIEEIDAID
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	47 kDa
Gene Name:	adaptor related protein complex 3 mu 2 subunit
Database Link:	<a href="#">NP_006794</a> <a href="#">Entrez Gene 10947 Human</a> <a href="#">P53677</a>



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**Background:** AP3M2 is 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. This gene encodes a subunit of the heterotetrameric adaptor-related protein complex 3 (AP-3), which belongs to the adaptor complexes medium subunits family. The AP-3 complex plays a role in protein trafficking to lysosomes and specialized organelles.

**Synonyms:** AP47B; CLA20; P47B

**Note:** Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 93%; Guinea pig: 93%; Dog: 86%

**Protein Pathways:** Lysosome

### Product images:



WB Suggested Anti-AP3M2 Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive  
Control: HepG2 cell lysate