

#### OriGene Technologies, Inc.

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# Product datasheet for TA360912

## **AP3M1 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human AP3M1
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	45 kDa
Gene Name:	adaptor related protein complex 3 mu 1 subunit
Database Link:	<u>NP_036227.1</u> <u>Entrez Gene 26985 Human</u> <u>Q9Y2T2</u>



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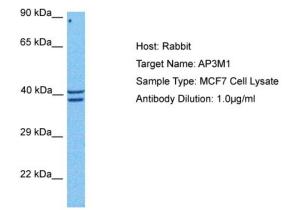
# **PORIGENE** AP3M1 Rabbit Polyclonal Antibody – TA360912

Lysosome

Background:	The protein encoded by this gene is the medium subunit of AP-3, which is an adaptor-related protein complex associated with the Golgi region as well as more peripheral intracellular structures. AP-3 facilitates the budding of vesicles from the Golgi membrane, and it may directly function in protein sorting to the endosomal/lysosomal system. AP-3 is a heterotetrameric protein complex composed of two large subunits (delta and beta3), a medium subunit (mu3), and a small subunit (sigma 3). Mutations in one of the large subunits of AP-3 have been associated with the Hermansky-Pudlak syndrome, a genetic disorder characterized by defective lysosome-related organelles. Alternative splicing of this gene results in multiple transcript variants.
Synonyms:	MGC22164; Mu3A-adaptin; OTTHUMP00000019860

Protein Pathways:

### **Product images:**



Host: Rabbit Target Name: AP3M1 Sample Tissue: Human MCF7 Whole Cell lysates Antibody Dilution: 1ug/ml

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