

## Rabbit anti-Human AP1M1 Polyclonal Antibody | anti-AP1M1 antibody

AP1M1 Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA231102</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

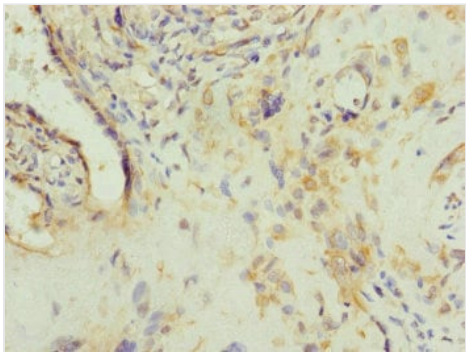
### PRODUCT SYNONYMS

AP1M1; Polyclonal Antibody; AP1M1 Antibody; AP-1 complex subunit mu-1; AP-mu chain family member mu1A; Adaptor protein complex AP-1 subunit mu-1; Adaptor-related protein complex 1 subunit mu-1; Clathrin assembly protein complex 1 mu-1 medium chain 1; Clathrin coat assembly protein AP47; Clathrin coat-associated protein AP47; Golgi adaptor HA1/AP1 adaptin mu-1 subunit; Mu-adaptin 1; Mu1A-adaptin; CLTNM; anti-AP1M1 antibody

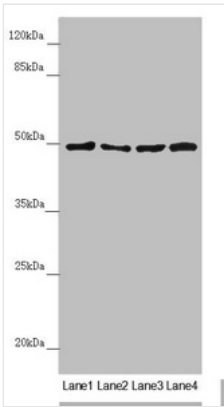
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                     |
| Isotype                                         | IgG                                                                                                            |
| Purity/Purification                             | Antigen Affinity Purified                                                                                      |
| Form/Format                                     | Liquid                                                                                                         |
| Sequence Length                                 | 435                                                                                                            |
| Applicable Applications for anti-AP1M1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                           |
| Species                                         | Human                                                                                                          |
| Immunogen                                       | Recombinant human AP-1 complex subunit mu-1 protein (N-160AA)                                                  |
| Conjugate                                       | Non-conjugated                                                                                                 |
| Buffer                                          | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-109922                                 |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

IMAGES



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human placenta tissue using AAA231102 at dilution of 1:100



**WB (Western Blot)**  
Western blotAll lanes: AP1M1 antibody at 1.38 ug/mL Lane 1: A375 whole cell lysate Lane 2: Jurkat whole cell lysate Lane 3: Hela whole cell lysate Lane 4: HepG-2 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 49,50 kDa Observed band size: 49 kDa

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-AP1M1 antibody | Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the trans-Golgi network (TGN) and endosomes. The AP complexes mediate the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 194473724                                      |
| NCBI GeneID                      | 8907                                           |
| NCBI Accession #                 | NP_001123996.1                                 |
| NCBI GenBank Nucleotide #        | NM_001130524.1                                 |
| UniProt Accession #              | Q9BXS5; Q4TTY5                                 |
| Molecular Weight                 | 49,840 Da                                      |
| NCBI Official Full Name          | AP-1 complex subunit mu-1 isoform 1            |
| NCBI Official Synonym Full Names | adaptor related protein complex 1 mu 1 subunit |
| NCBI Official Symbol             | AP1M1                                          |
| NCBI Official Synonym Symbols    | AP47; CLTNM; MU-1A; CLAPM2                     |
| NCBI Protein Information         | AP-1 complex subunit mu-1                      |
| UniProt Protein Name             | AP-1 complex subunit mu-1                      |
| UniProt Gene Name                | AP1M1                                          |
| UniProt Synonym Gene Names       | CLTNM                                          |
| UniProt Entry Name               | AP1M1_HUMAN                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.