



[Go to Product page](#)

Datasheet for ABIN6991550
anti-AP3M1 antibody (C-Term)

Overview

| | |
|----------------------|--|
| Quantity: | 0.1 mg |
| Target: | AP3M1 |
| Binding Specificity: | AA 340-390, C-Term |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This AP3M1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|---------------|---|
| Immunogen: | AP3M1 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human AP3M1. The immunogen is located within amino acids 340 - 390 of AP3M1. |
| Isotype: | IgG |
| Specificity: | AP3M1 antibody may cross-react with AP3M2. |
| Purification: | AP3M1 Antibody is affinity chromatography purified via peptide column. |

Target Details

| | |
|-------------------|--|
| Target: | AP3M1 |
| Alternative Name: | AP3M1 (AP3M1 Products) |

Target Details

Background: AP3M1 Antibody: The AP3 complex is a heterotetramer composed of two large adaptins (AP3D1, AP3B1 or AP3B2), a medium adaptin (AP3M1 or AP3M2) and a small adaptin (APS1 or AP3S2). 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. AP3M1 is highly homologous to AP3M2 but is the preferred binding partner to the YQRL motif from the cytosolic domain of TGN38. AP3M1 has also been shown to interact with the HIV-1 virulence protein Nef.

Gene ID: 26985

NCBI Accession: [NP_036227](#)

UniProt: [Q9Y2T2](#)

Application Details

Application Notes: AP3M1 antibody can be used for detection of AP3M1 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: AP3M1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: AP3M1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.