

DATASHEET

Version: 2016-08-17

AP2M1 Antibody, pAb, Rabbit**Cat. No.:** A01212-40**Size:** 40 µg**Synonyms:** Rabbit Anti-AP2M1 pAb;**Description:**

AP2M1 is a subunit of heterotetrameric coat assembly protein complex 2 (AP2), which belongs to the adaptor complex medium subunit family. AP2 is composed of two large adaptins (alpha-type subunit AP2A1, or AP2A2, and beta-type subunit AP2B1), one medium adaptin (mu-type subunit AP2M1), and a small adaptin (sigma-type subunit AP2S1). The AP2 complex is part of the protein coat linking clathrin to receptors in coated vesicles. Clathrin-associated protein complexes are believed to interact with the cytoplasmic tails of membrane proteins so that they can be selected and concentrated.

GenScript **Rabbit Anti-AP2M1 Polyclonal Antibody** is developed in rabbit using a KLH-coupled synthetic peptide within residues 150-200 of human AP2M1 protein (Swiss Prot: Q96CW1).

Immunogen: Synthetic peptide (KLH-coupled) within residues 150-200 of human AP2M1 protein (Swiss Prot: Q96CW1)

Host: Rabbit**Antigen Synonyms:** Human**Conjugation:** Unconjugated**Predicated Band Size:**

50 kD

Observed Band Size:

50 kD

Formulation:

0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02%

sodium azide

Ig Subclass: Rabbit IgG

Specificity: GenScript Rabbit Anti-AP2M1 Polyclonal Antibody detects human AP2M1 protein. Sequence homology predicts that it will also react with rat and mouse AP2M1 protein.

Purification: Immunoaffinity chromatography**Applications:**

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

ELISA: 0.05-0.2 µg/ml**Western blot:** 0.5-1 µg/ml**Other applications:** user-optimized

Species Reactivity: Human. This product has not yet been tested with other species.

Reconstitution:

Reconstitute the lyophilized powder with deionized water (or equivalent) to an antibody concentration of 0.5 mg/ml.

Storage:

The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.