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Datasheet for ABIN1574063  
**anti-AP2M1 antibody (N-Term)**

1 Image

### Overview

Quantity:	40 µg
Target:	AP2M1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AP2M1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	Synthetic peptide (KLH-coupled) from N-terminal of human AP2M1 protein
Isotype:	IgG
Specificity:	Rabbit Anti-AP2M1 Polyclonal Antibody detects endogenous levels of human AP2M1 protein. Sequence homology predicts that it will also react with mouse and rat AP2M1 proteins.
Cross-Reactivity (Details):	Rabbit Anti-AP2M1 Polyclonal Antibody detects endogenous levels of human AP2M1 protein. Sequence homology predicts that it will also react with mouse and rat AP2M1 proteins.
Purification:	Immunoaffinity chromatography

### Target Details

Target:	AP2M1
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## Target Details

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Alternative Name: AP2M1 ([AP2M1 Products](#))

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Background: AP2M1 is a subunit of the heterotetrameric coat assembly protein complex 2 (AP2), which belongs to the adaptor complexes medium subunit family. AP2 is a heterotetramer composed of two large adaptins (either alpha-type subunit AP2A1 or AP2A2 paired with beta-type subunit AP2B1), a medium adaptin (mu-type subunit AP2M1) and a small adaptin (sigma-type subunit AP2S1). These component link clathrin to receptors in coated vesicles. Clathrin-associated protein complexes are believed to interact with the cytoplasmic tails of membrane proteins, leading to their selection and concentration. Rabbit Anti-AP2M1 Polyclonal Antibody is developed in rabbit hosts using a synthetic peptide (KLH-coupled) from N-terminal of human AP2M1 protein (Swiss Prot: Q96CW1).

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Pathways: [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [EGFR Downregulation](#), [SARS-CoV-2 Protein Interactome](#)

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## Application Details

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Application Notes: 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

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Buffer: PBS, pH 7.4, containing 0.02 % sodium azide

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Preservative: Sodium azide

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Precaution of Use: WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute

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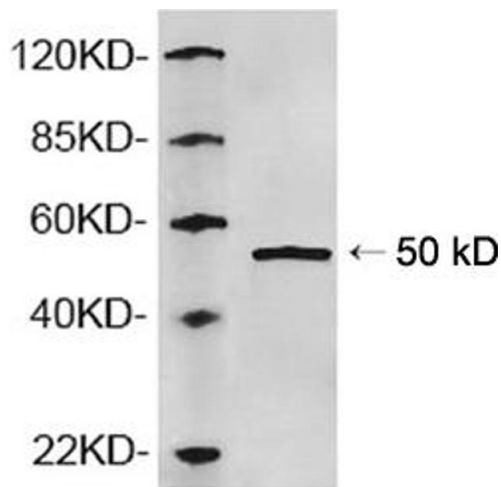
## Handling

azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Storage: 4 °C/-20 °C

Storage Comment: 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.

## Images



### Western Blotting

**Image 1.** Western blot analysis of recombinant human AP2M1 protein using 1 µg/mL Rabbit Anti-AP2M1 Polyclonal Antibody (ABIN398781). The signal was developed with IRDye™ 800 Conjugated Goat Anti-Rabbit IgG.