



[Go to Product page](#)

Datasheet for ABIN2784846

anti-AP3M2 antibody (Middle Region)

1 Image

1 Publication

Overview

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| Quantity: | 100 µL |
| Target: | AP3M2 |
| Binding Specificity: | Middle Region |
| Reactivity: | Human, Mouse, Rat, Cow, Dog, Pig, Rabbit, Zebrafish (Danio rerio), Horse, Guinea Pig |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This AP3M2 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the middle region of human AP3M2 |
| Sequence: | VVNTITGSTN VGDQLPTGQL SVVPWRRRTGV KYTNNEAYFD VIEEIDAID |
| Predicted Reactivity: | Cow: 100%, Dog: 86%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93% |
| Characteristics: | This is a rabbit polyclonal antibody against AP3M2. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details

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| Target: | AP3M2 |
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Target Details

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| Alternative Name: | AP3M2 (AP3M2 Products) |
| Background: | <p>AP3M2 is part of the AP-3 complex, an adaptor-related complex which is not clathrin-associated. 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. This gene encodes a subunit of the heterotetrameric adaptor-related protein complex 3 (AP-3), which belongs to the adaptor complexes medium subunits family. The AP-3 complex plays a role in protein trafficking to lysosomes and specialized organelles.</p> <p>Alias Symbols: AP47B, CLA20, P47B</p> <p>Protein Interaction Partner: UBC, GRK5,</p> <p>Protein Size: 418</p> |
| Molecular Weight: | 47 kDa |
| Gene ID: | 10947 |
| NCBI Accession: | NM_006803 , NP_006794 |
| UniProt: | P53677 |

Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 418 AA |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |

Handling

Storage: -20 °C

Storage Comment: 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.

Publications

Product cited in: Mehrle, Rosenfelder, Schupp, del Val, Arlt, Hahne, Bechtel, Simpson, Hofmann, Hide, Glatting, Huber, Pepperkok, Poustka, Wiemann: "The LIFEdb database in 2006." in: **Nucleic acids research**, Vol. 34, Issue Database issue, pp. D415-8, (2005) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-AP3M2 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:1562500

Positive Control: HepG2 cell lysate