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Datasheet for ABIN1449881 anti-AP3M2 antibody (Middle Region)

Image



Overview

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

Product Details

Immunogen:	Synthetic peptide directed towards the middle region of human AP3M2
Sequence:	VVNTITGSTN VGDQLPTGQL SVVPWRRTGV KYTNNEAYFD VIEEIDAIID
Cross-Reactivity (Details):	Species reactivity (expected):Mouse, Rat, Bovine, Dog, Pig, Rabbit, Chicken Xenopus, ZebrafishSpecies reactivity (tested):Human.
Purification:	Purified using immunoaffinity column

Target Details

Target:	AP3M2
Alternative Name:	AP3 Complex Subunit mu-2 / AP3M2 (AP3M2 Products)
Background:	AP3M2 is part of the AP-3 complex, an adaptor-related complex which is not clathrin-

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	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 comlex 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.Synonyms: Adapter-related protein complex 3 mu-2 subunit, Clathrin
	assembly protein assembly protein complex 1 medium chain homolog 2, Clathrin coat
	assembly protein AP47 homolog 2, Clathrin coat-associated protein AP47 homolog 2, Golgi
	adaptor AP-1 47 kDa protein homolog 2, HA1 47 kDa subunit homolog 2, Mu3B-adaptin, P47B
Gene ID:	10947
NCBI Accession:	NP_006794
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Handling Reconstitution:	Add 50 µL of distilled water to a final concentration of 1 mg/mL.
Handling Reconstitution: Handling Advice:	Add 50 µL of distilled water to a final concentration of 1 mg/mL. Avoid repeated freezing and thawing.
Handling Reconstitution: Handling Advice: Storage:	Add 50 µL of distilled water to a final concentration of 1 mg/mL. Avoid repeated freezing and thawing. 4 °C/-20 °C



Western Blotting

Image 1. Human HepG2; WB Suggested Anti-AP3M2 Antibody Titration: 0.2-1 ug/ml. ELISA Titer: 1:1562500. Positive Control: HepG2 cell lysate; AP3M2 antibody middle region in Human HepG2 cells using Western Blot

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