antibodies .- online.com







anti-AP3M2 antibody (Middle Region)





Publication



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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

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human AP3M2
Sequence:	VVNTITGSTN VGDQLPTGQL SVVPWRRTGV KYTNNEAYFD VIEEIDAIID
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

Target: AP3M2

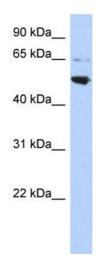
Target Details

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Alternative Name:	AP3M2 (AP3M2 Products)
Background:	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 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.
	Alias Symbols: AP47B, CLA20, P47B
	Protein Interaction Partner: UBC, GRK5,
	Protein Size: 418
Molecular Weight:	47 kDa
Gene ID:	10947
NCBI Accession:	NM_006803, NP_006794
UniProt:	P53677
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 418 AA
Restrictions:	For Research Use only
Handling	
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