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Datasheet for ABIN6978397

anti-AP3B1 antibody (AA 1-100) (Alexa Fluor 555)

Overview

Quantity:	100 µL
Target:	AP3B1
Binding Specificity:	AA 1-100
Reactivity:	Human, Mouse, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AP3B1 antibody is conjugated to Alexa Fluor 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HPS2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Xenopus laevis
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Pig,Horse,Cat
Purification:	Purified by Protein A.

Target Details

Target:	AP3B1
Alternative Name:	HPS2 (AP3B1 Products)

Target Details

Background:	<p>Synonyms: AP-3 complex subunit beta-1, AP3B1, Adaptor protein complex AP-3 subunit beta-1, Adaptor-related protein complex 3 subunit beta-1, Beta-3A-adaptin, Clathrin assembly protein complex 3 beta-1 large chain, AP3B1, ADTB3A</p> <p>Background: Subunit of non-clathrin- and clathrin-associated adaptor protein complex 3 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules. AP-3 appears to be involved in the sorting of a subset of transmembrane proteins targeted to lysosomes and lysosome-related organelles.</p>
Gene ID:	8546
UniProt:	O00203
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months