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Datasheet for ABIN2782118 anti-ATP6AP1 antibody (Middle Region)

2 Images



Overview

Quantity:	100 µL
Target:	ATP6AP1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Horse, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6AP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ATP6AP1	
Sequence:	SPVIHPPVSY NDTAPRILFW AQNFSVAYKD QWEDLTPLTF GVQELNLTGS	
Predicted Reactivity:	Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 86%, Rat: 100%	
Characteristics:	This is a rabbit polyclonal antibody against ATP6AP1. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Affinity Purified	
Target Details		
Target:	ATP6AP1	

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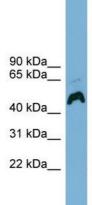
Alternative Name:	ATP6AP1 (ATP6AP1 Products)	
Background:	This gene encodes a component of a multisubunit enzyme (1 mDa MW) that mediates	
Daekground.	acidification of eukaryotic intracellular organelles. Vacuolar ATPase (V-ATPase) is comprised or	
	a cytosolic V1 (site of the ATP catalytic site) and a transmembrane V0 domain. V-ATPase	
	dependent organelle acidification is necessary for such intracellular processes as protein	
	sorting, zymogen activation, and receptor-mediated endocytosis. The encoded protein of this	
	gene is approximately 45 kD and may assist in the V-ATPase-mediated acidification of	
	neuroendocrine secretory granules.	
	Alias Symbols: 16A, ATP6IP1, ATP6S1, Ac45, CF2, MGC129781, VATPS1, XAP-3, XAP3	
	Protein Interaction Partner: K3, NR1I2, UBC, nef, HNRNPAB, ATP6V1C1, FBX06, SYVN1, HBA2,	
	ANG, HBA1,	
	Protein Size: 470	
Molecular Weight:	52 kDa	
Gene ID:	537	
NCBI Accession:	NM_001183, NP_001174	
UniProt:	Q15904	
Pathways:	Proton Transport, SARS-CoV-2 Protein Interactome	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 470 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.	

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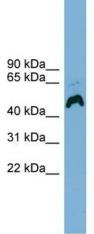
Handling Advice:	Avoid repeated freeze-thaw cycles.	
Storage:	-20 °C	
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in sr	
	aliquots to prevent freeze-thaw cycles.	

Images



Western Blotting

Image 1. WB Suggested Anti-ATP6AP1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: OVCAR-3 cell lysate



Rabbit Anti-ATP6AP1 Antibody Catalog Number: ARP45065 Lot Number: QC15494 Lane: OVCAR-3 Cell Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-ATP6AP1 Antibody Titration: 0.2-1 μg/mL ELISA Titer: 1:.12500 Positive Control: OVCAR-3 cell lysate