Datasheet for ABIN560008

anti-ATP6AP1 antibody (AA 51-150)

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Overview

Quantity:	100 µg
Target:	ATP6AP1
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ATP6AP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant ATP6AP1.
Immunogen:	ATP6AP1 (NP_001174, 51 a.a. ~ 150 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	SSDRDLWAPA ADTHEGHITS DLQLSTYLDP ALELGPRNVL LFLQDKLSIE DFTAYGGVFG NKQDSAFSNL ENALDLAPSS LVLPAVDWYA VSTLTTYLQE
Clone:	3A2
Isotype:	IgG1
Cross-Reactivity:	Human, Rat
Characteristics:	Antibody Reactive Against Recombinant Protein.

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Target Details

Target:	ATP6AP1
Alternative Name:	ATP6AP1 (ATP6AP1 Products)
Background:	Full Gene Name: ATPase, H+ transporting, lysosomal accessory protein 1 Synonyms: 16A,ATP6IP1,ATP6S1,Ac45,CF2,MGC129781,VATPS1,XAP-3,XAP3
Gene ID:	537
NCBI Accession:	NM_001183
Pathways:	Proton Transport, SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Saw, Kang, Parsaud, Han, Jiang, Grzegorczyk, Surkont, Sun-Wada, Wada, Li, Sugita: "Vacuolar H(+)-ATPase subunits Voa1 and Voa2 cooperatively regulate secretory vesicle acidification, transmitter uptake, and storage." in: **Molecular biology of the cell**, Vol. 22, Issue 18, pp. 3394-409, (2011) (PubMed).

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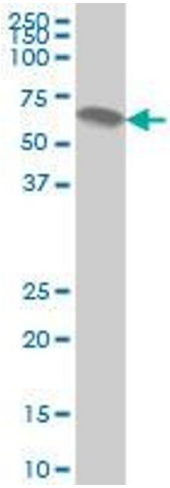
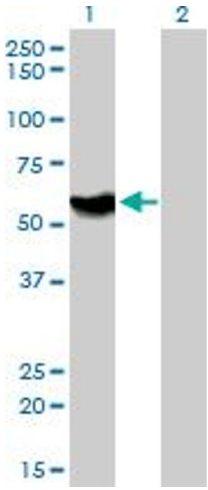


Western Blotting

Image 1. ATP6AP1 monoclonal antibody (M01), clone 3A2 Western Blot analysis of ATP6AP1 expression in HeLa .

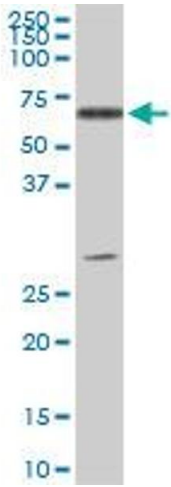


Western Blotting

Image 2. Western Blot analysis of ATP6AP1 expression in transfected 293T cell line by ATP6AP1 monoclonal antibody (M01), clone 3A2.

Lane 1: ATP6AP1 transfected lysate(52 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 3. ATP6AP1 monoclonal antibody (M01), clone 3A2. Western Blot analysis of ATP6AP1 expression in PC-12 .

Please check the product details page for more images. Overall 5 images are available for ABIN560008.