## .-online.com antibodies

# Datasheet for ABIN7262775 anti-ATP6V1B1 antibody

Image



Overview

Quantity:	200 µL
Target:	ATP6V1B1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6V1B1 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant fusion protein of human ATP6V1B1 (NP_001683.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	ATP6V1B1
Alternative Name:	ATP6V1B1 (ATP6V1B1 Products)
Background:	This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle
	acidification is necessary for such intracellular processes as protein sorting, zymogen
	activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation. V-

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7262775 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

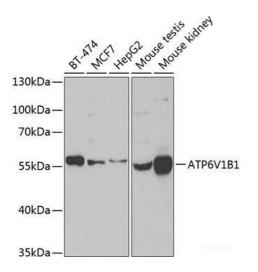
#### Target Details

	ATPase is composed of a cytosolic V1 domain and a transmembrane V0 domain. The V1
	domain consists of three A and three B subunits, two G subunits plus the C, D, E, F, and H $$
	subunits. The V1 domain contains the ATP catalytic site. The V0 domain consists of five
	different subunits: a, c, c', c", and d. Additional isoforms of many of the V1 and V0 subunit
	proteins are encoded by multiple genes or alternatively spliced transcript variants. This
	encoded protein is one of two V1 domain B subunit isoforms and is found in the kidney.
	Mutations in this gene cause distal renal tubular acidosis associated with sensorineural
	deafness.
Molecular Weight:	Observed_MW: 57 kDa
Molecular Weight:	Observed_MW: 57 kDa Calculated_MW: 56 kDa
Molecular Weight: Gene ID:	
	Calculated_MW: 56 kDa
Gene ID:	Calculated_MW: 56 kDa 525

### Application Details

Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN7262775 | 09/10/2023 | Copyright antibodies-online. All rights reserved.



#### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines using ATP6V1B1 Polyclonal Antibody at dilution of 1:1000.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN7262775 | 09/10/2023 | Copyright antibodies-online. All rights reserved.