



Datasheet for ABIN1714597
anti-ATP6V0D2 antibody (AA 251-350)



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1 Publication

Overview

Quantity:	100 µL
Target:	ATP6V0D2
Binding Specificity:	AA 251-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6V0D2 antibody is un-conjugated
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ATP6V0D2/V-ATPase D2
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Sheep,Pig
Purification:	Purified by Protein A.

Target Details

Target:	ATP6V0D2
Alternative Name:	ATP6V0D2/V-ATPase D2 (ATP6V0D2 Products)

Target Details

Background:	Synonyms: VMA6, ATP6D2, V-type proton ATPase subunit d 2, V-ATPase subunit d 2, Vacuolar proton pump subunit d 2, ATP6V0D2 Background: Subunit of the integral membrane V0 complex of vacuolar ATPase. Vacuolar ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells, thus providing most of the energy required for transport processes in the vacuolar system. May play a role in coupling of proton transport and ATP hydrolysis (By similarity).
Gene ID:	245972
UniProt:	Q8N8Y2
Pathways:	Transition Metal Ion Homeostasis , Proton Transport

Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in: Jayachandran, Lugo, Heiling, Miller, Rule, Lieske: "Extracellular vesicles in urine of women with but not without kidney stones manifest patterns similar to men: a case control study." in: **Biology of sex differences**, Vol. 6, pp. 2, (2015) ([PubMed](#)).