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# Datasheet for ABIN7073143 anti-ATP5G3 antibody

Image



#### Overview

Quantity:	100 µL
Target:	ATP5G3
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP5G3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

# Product Details

Immunogen:	KLH conjugated Synthetic peptide corresponding to Mouse ATP5G3
Cross-Reactivity:	Rat
Purification:	Affinity purification

## Target Details

Target:	ATP5G3
Alternative Name:	ATP5G3 (ATP5G3 Products)
Background:	Mitochondrial membrane ATP synthase (F1F0 ATP synthase or Complex V) produces ATP from
	ADP in the presence of a proton gradient across the membrane which is generated by electron
	transport complexes of the respiratory chain. F-type ATPases consist of two structural
	domains, F1 - containing the extramembraneous catalytic core and F0 - containing the
	membrane proton channel, linked together by a central stalk and a peripheral stalk. During

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 1/2 | Product datasheet for ABIN7073143 | 09/10/2023 | Copyright antibodies-online. All rights reserved. catalysis, ATP synthesis in the catalytic domain of F1 is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Part of the complex F0 domain. A homomeric c-ring of probably 10 subunits is part of the complex rotary element.

Gene ID:	228033
NCBI Accession:	NP_001288650
UniProt:	P56384
Pathways:	Proton Transport, Ribonucleoside Biosynthetic Process

# Application Details

Application Notes:	IHC/IF (M,R) 1:700-1:1400
Restrictions:	For Research Use only

### Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, 0.02 % sodium azide
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

#### Images



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry analysis of paraffinembedded mouse kidney using,ATP5G3 (ABIN7073143) at dilution of 1: 1400

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