

ATPK Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00676
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human ATPK
Mol wt	10340
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, IF
Concentration	1 mg/ml
Full name	ATPK
Synonyms	ATPK

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Mitochondrial ATP synthase catalyzes ATP synthesis| utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. It is composed of two linked multi-subunit complexes: the soluble catalytic core| F1| and the membrane-spanning component| Fo| which comprises the proton channel. The catalytic portion of mitochondrial ATP synthase consists of five different subunits (alpha| beta| gamma| delta| and epsilon) assembled with a stoichiometry of 3 alpha| 3 beta| and single representatives of the gamma| delta| and epsilon subunits. The proton channel likely has nine subunits (a| b| c| d| e| f| g| F6 and 8). This gene encodes the f subunit of the Fo complex. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. This gene has multiple pseudogenes. Naturally occurring read-through transcription also exists between this gene and the downstream pentatricopeptide repeat domain 1 (PTCD1) gene.

Recommended Dilution

IHC-p: 1: 50 - 1: 200

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com