

ATP5J Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00675
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human ATP5J
Mol wt	11880
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, IF
Concentration	1 mg/ml
Full name	ATP5J
Synonyms	ATP5J

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 F1 complex consists of 5 different subunits (alpha| beta| gamma| delta| and epsilon) assembled in a ratio of 3 alpha| 3 beta| and a single representative of the other 3. The Fo complex has nine subunits (a| b| c| d| e| f| g| F6 and 8). This gene encodes the F6 subunit of the Fo complex. The F6 subunit is required for F1 and Fo interactions. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. This gene has 1 or more pseudogenes.

Recommended Dilution

IHC-p: 1: 50 - 1: 200

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year