

ATP5S Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00745
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human ATP5S. AA range:21-70
Mol wt	24882
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	ATP5S Antibody
Synonyms	ATP5S; ATPW; ATP synthase subunit s; mitochondrial; ATP synthase-coupling factor B; FB; Mitochondrial ATP synthase regulatory component factor B

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

Background

ATP5S encodes a subunit of mitochondrial ATP synthase. Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. ATP synthase is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, comprising the proton channel. This gene encodes the subunit s, also known as factor B, of the proton channel. This subunit is necessary for the energy transduction activity of the ATP synthase complexes. Alternatively spliced transcript variants encoding different isoforms have been identified.

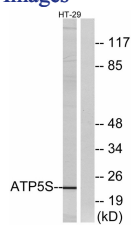
Recommended Dilution

WB: 1: 500 - 1: 2000

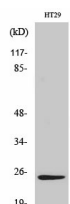
ELISA: 1: 10000

Not yet tested in other applications.

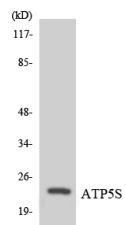
Images



Western blot analysis of lysates from HT-29 cells, using ATP5S Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using ATP5S Polyclonal Antibody



Western blot analysis of the lysates from K562 cells using ATP5S antibody.

Storage

-20°C for one year

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