

ATP5L2 Antibody

Catalog No: #34454

Package Size: #34454-1 50ul #34454-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

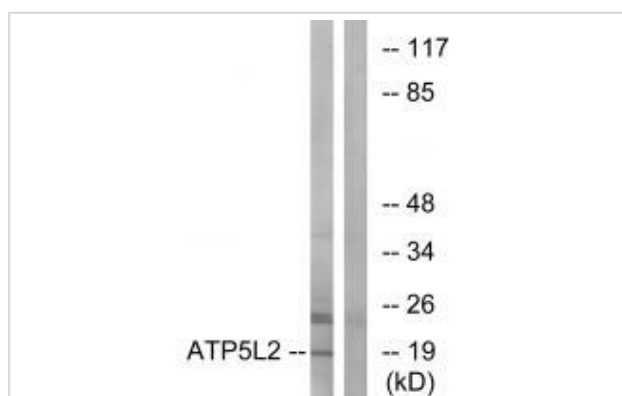
Product Name	ATP5L2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ATP5L2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human ATP5L2.
Target Name	ATP5L2
Other Names	ATP synthase subunit g 2; mitochondrial; ATPase subunit g 2; ATP5K2;
Accession No.	Swiss-Prot: Q7Z4Y8NCBI Gene ID: 267020
Uniprot	Q7Z4Y8
GeneID	267020;
SDS-PAGE MW	20kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Immunofluorescence: 1:100~1:500

Images



Western blot analysis of extracts from A549 cells, using ATP5L2 antibody #34454.

Immunofluorescence analysis of A549 cells, using ATP5L2 antibody #34454.



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 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. Minor subunit located with subunit a in the membrane. By similarity.

Lin W., Submitted (SEP-1998) to the EMBL/GenBank/DDBJ databases.

The MGC Project Team; Genome Res. 14:2121-2127(2004).

Note: This product is for in vitro research use only