

ATP5S Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51729

Product Information

Application	WB
Primary Accession	Q99766
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23226

Additional Information

Gene ID	27109
Other Names	ATP synthase subunit s, mitochondrial, ATP synthase-coupling factor B, FB, Mitochondrial ATP synthase regulatory component factor B, ATP5S, ATPW
Target/Specificity	KLH conjugated synthetic peptide derived from human ATP5S
Dilution	WB~~ 1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C. Stable for 12 months from date of receipt

Protein Information

Name	DMAC2L (HGNC:18799)
Function	Involved in regulation of mitochondrial membrane ATP synthase. Necessary for H(+) conduction of ATP synthase. Facilitates energy-driven catalysis of ATP synthesis by blocking a proton leak through an alternative proton exit pathway.
Cellular Location	Mitochondrion {ECO:0000250 UniProtKB:P22027}. Mitochondrion inner membrane {ECO:0000250 UniProtKB:P22027}

Background

Involved in regulation of mitochondrial membrane ATP synthase. Necessary for H(+) conduction of ATP synthase. Facilitates energy-driven catalysis of ATP synthesis by blocking a proton leak through an alternative proton exit pathway (By similarity).

References

Yu W.,et al.Genome Res. 7:353-358(1997).

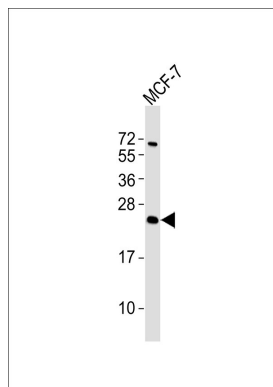
Belogradov G.I.,et al.J. Biol. Chem. 277:6097-6103(2002).

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Heilig R.,et al.Nature 421:601-607(2003).

Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Images



Anti-ATP5S Antibody at 1:1000 dilution + MCF-7 whole cell lysates Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 25 kDa
Blocking/Dilution buffer: 5% NFDN/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.