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 encompassing a sequence within the center region of human ATP5S. The exact sequence is proprietary.
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

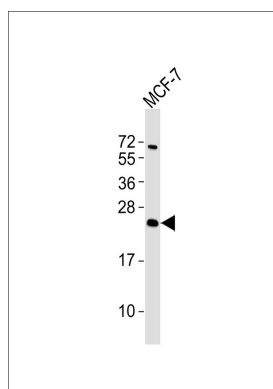|	
Name	DMAC2L (HGNC:18799)
Function	Involved in regulation of mitochondrial membrane ATP synthase. Necessary for H(+) conduction of ATP synthase. Facilitates energy-driven catalysis of ATP synthesis by blocking a proton leak through an alternative proton exit pathway.
Cellular Location	Mitochondrion {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).
Belogrudov 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 Antibodyat 1:1000 dilution + MCF-7 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L),Peroxidase conjugated at 1/10000 dilution Predicted band size : 25 kDa Blocking/Dilution buffer: 5% NFDM/TBST.