

MaxPab®

ATP5O purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00000539-B02P Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ATP5O protein.
Immunogen	ATP5O (ADZ16081.1, 1 a.a. ~ 213 a.a) full-length human protein.
Sequence	MAAPAVSGLSRQVRCFSTSVVRPFAKLVRPPVQVYGIEGRYATALYSAASKQNKLEQVEKELLR VAQLKEPKVAASVLNPYVKRSIKVKSLNDITAKERFSPLTTNLINLLAENGRLSNTQGVVSAFSTM MSVHRGEVPCTVTSASPLEEATLSELKTVLKSFLSQGQVLKLEAKTDPSILGGMVRIGEKYVDMS VKTKIQKLGRAMREIV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (82)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — ATP5O

Entrez GeneID [539](#)

GeneBank Accession#	JF432864.1
Protein Accession#	ADZ16081.1
Gene Name	ATP5O
Gene Alias	ATPO, OSCP
Gene Description	ATP synthase, H+ transporting, mitochondrial F1 complex, O subunit
Omim ID	600828
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a component of the F-type ATPase found in the mitochondria l matrix. F-type ATPases are composed of a catalytic core and a membrane proton channel. The encoded protein appears to be part of the connector linking these two components and may be involved in transmission of conformational changes or proton conductance. [provided by RefSeq
Other Designations	human ATP synthase OSCP subunit mitochondrial ATP synthase, O subunit oligomycin sensitivity conferring protein

Pathway

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- [Oxidative phosphorylation](#)

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)