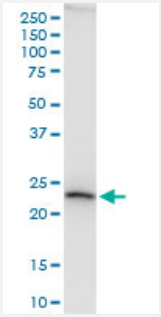
MaxPab®

ATP5O purified MaxPab mouse polyclonal antibody (B01P)

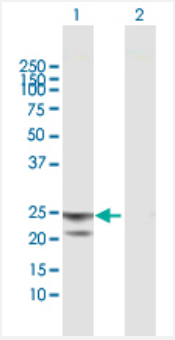
Catalog # H00000539-B01P Size 50 ug

Applications



Western Blot (Tissue lysate)

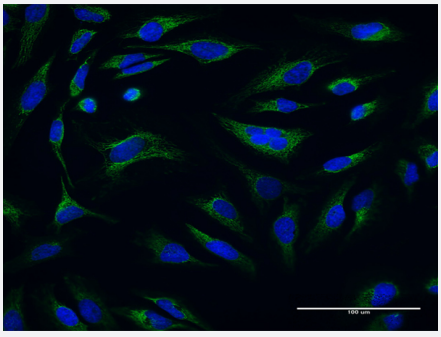
ATP5O MaxPab polyclonal antibody. Western Blot analysis of ATP5O expression in human kidney.



Western Blot (Transfected lysate)

Western Blot analysis of ATP5O expression in transfected 293T cell line (H00000539-T01) by ATP5O MaxPab polyclonal antibody.

Lane 1: ATP5O transfected lysate(23.54 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ATP5O on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ATP5O protein.

Immunogen	ATP5O (AAH21233, 1 a.a. ~ 213 a.a) full-length human protein.
Sequence	MAAPAVSGLSRQVRCLSTSVVRPFAKLVRPPVQVYGIEGRYATALYSAASKQNKLEQVEKELLRV AQILKEPKVAASVLNPYVKRSIKVKSLNDITAKERFSPLTTNLINLLAENGRLSNTQGVVSAFSTMM SVHRGEVPCTVTSASPLEEATLSELKTVLKSFLSQGQVLKLEAKTDPSILGGMIVRIGEKYVDMSV KTKIQKLGRAMREIV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (81)
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 (Tissue lysate)

  ATP5O MaxPab polyclonal antibody. Western Blot analysis of ATP5O expression in human kidney.

  Protocol Download

- Western Blot (Transfected lysate)

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- Immunofluorescence

  Immunofluorescence of purified MaxPab antibody to ATP5O on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — ATP5O

Entrez GeneID	539
GeneBank Accession#	BC021233

Protein Accession#	AAH21233
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 in volved 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

- Metabolic pathways
- Oxidative phosphorylation

Disease

- Diabetes Mellitus
- Genetic Predisposition to Disease
- Prostatic Neoplasms