

DNAxPAb

Hard-to-Find
Antibody

ATP5F1 DNAxPab

Catalog # H00000515-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human ATP5F1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
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](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — ATP5F1

Entrez GeneID	515
GeneBank Accession#	NM_001688.4
Protein Accession#	NP_001679.2
Gene Name	ATP5F1
Gene Alias	MGC24431, PIG47
Gene Description	ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit B1
Omim ID	603270
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a subunit of mitochondrial ATP synthase. Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. ATP synthase is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, comprising the proton channel. The catalytic portion of mitochondrial ATP synthase consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled with a stoichiometry of 3 alpha, 3 beta, and a single representative of the other 3. The proton channel seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene encodes the b subunit of the proton channel. [provided by RefSeq]</p>
Other Designations	ATP synthase B chain, mitochondrial ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit b, isoform 1 H ⁺ -ATP synthase subunit b OTTHUMP00000013469 cell proliferation-inducing protein 47

Pathway

- [Metabolic pathways](#)
- [Oxidative phosphorylation](#)

Disease

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