

DNAxPAb

Hard-to-Find  
Antibody

# ATP5J DNAxPab

Catalog # H00000522-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human ATP5J DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
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 — ATP5J

Entrez GeneID	<a href="#">522</a>
GeneBank Accession#	<a href="#">NM_001003696.1</a>
Protein Accession#	<a href="#">NP_001003696.1</a>
Gene Name	ATP5J
Gene Alias	ATP5, ATP5A, ATPM, CF6, F6
Gene Description	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit F6
Omim ID	<a href="#">603152</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. It is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, F0, which comprises the proton channel. The F1 complex consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled in a ratio of 3 alpha, 3 beta, and a single representative of the other 3. The F0 seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene encodes the F6 subunit of the F0 complex, required for F1 and F0 interactions. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000096107 OTTHUMP00000096108 OTTHUMP00000096110 OTTHUMP00000096111 OTTHUMP00000096112 mitochondrial ATP synthase, coupling factor 6 mitochondrial ATP synthase, subunit F6 mitochondrial ATPase coupling factor 6 proliferation-inducing protein 36

## Pathway

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

## Disease

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