

DNAxPAb

Hard-to-Find
Antibody

ATP5H DNAxPab

Catalog # H00010476-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human ATP5H 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 — ATP5H

Entrez GeneID	10476
GeneBank Accession#	NM_006356.2
Protein Accession#	NP_006347.1
Gene Name	ATP5H
Gene Alias	ATP5JD, ATPQ
Gene Description	ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit d
Gene Ontology	Hyperlink
Gene Summary	<p>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 d subunit of the F0 complex. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. In addition, three pseudogenes are located on chromosomes 9, 12 and 15. [provided by RefSeq]</p>
Other Designations	ATP synthase D chain, mitochondrial ATP synthase, H ⁺ transporting, mitochondrial F1F0, subunit d My032 protein

Pathway

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