

DNAxPAb

Hard-to-Find
Antibody

COX8A DNAxPab

Catalog # H00001351-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human COX8A DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSVLTPLLLRLTGSARRLPVPRAKIHSLPPEGKLGIMELAVGLTSCFVTFLLPAGWILSHLETYRRPE
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 — COX8A

Entrez GeneID [1351](#)

GeneBank Accession# [NM_004074.2](#)

Protein Accession# [NP_004065.1](#)

Gene Name COX8A

Gene Alias COX, COX8, COX8-2, COX8L, VIII, VIII-L

Gene Description cytochrome c oxidase subunit 8A (ubiquitous)

Omim ID [123870](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is the terminal enzyme of the respiratory chain, coupling the transfer of electrons from cytochrome c to molecular oxygen, with the concomitant production of a proton electrochemical gradient across the inner mitochondrial membrane. In addition to 3 mitochondrially encoded subunits, which perform the catalytic function, the eukaryotic enzyme contains nuclear-encoded smaller subunits, ranging in number from 4 in some organisms to 10 in mammals. It has been proposed that nuclear-encoded subunits may be involved in the modulation of the catalytic function. This gene encodes one of the nuclear-encoded subunits. [provided by RefSeq]

Other Designations cytochrome c oxidase subunit 8A|cytochrome c oxidase subunit VIII

Pathway

- [Cardiac muscle contraction](#)
- [Metabolic pathways](#)
- [Oxidative phosphorylation](#)