

DNAxPAb

Hard-to-Find  
Antibody

# COX6B1 DNAxPab

Catalog # H00001340-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human COX6B1 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MAEDMETKIKNYKTAPFDSRFPNQNRNCWQNYLDFHRCQKAMTAKGGDISVCEWYQRVYQS LCPTSWVTDWDEQRAEGTFPGKI
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 — COX6B1

Entrez GeneID [1340](#)

GeneBank Accession# [NM\\_001863.3](#)

Protein Accession# [NP\\_001854.1](#)

Gene Name COX6B1

Gene Alias COX6B, COXG

Gene Description cytochrome c oxidase subunit Vlb polypeptide 1 (ubiquitous)

Omim ID [124089](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** Cytochrome c oxidase (COX), the terminal enzyme of the mitochondrial respiratory chain, catalyzes the electron transfer from reduced cytochrome c to oxygen. It is a heteromeric complex consisting of 3 catalytic subunits encoded by mitochondrial genes and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, and the nuclear-encoded subunits may be involved in the regulation and assembly of the complex. This nuclear gene encodes subunit Vlb. Three pseudogenes COX6BP-1, COX6BP-2 and COX6BP-3 have been found on chromosomes 7, 17 and 22q13.1-13.2, respectively. [provided by RefSeq]

**Other Designations** cytochrome c oxidase subunit Vlb|human cytochrome oxidase subunit Vlb

## Pathway

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