

DNAxPAb

Hard-to-Find
Antibody

COQ2 DNAxPab

Catalog # H00027235-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human COQ2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MLGSRAAGFARGLRALALAWLPGWRGRSFALARAAGAPHGGDLQPPACPEPRGRQLSLSAAA VVD SAPRPLQPYLRMLRDKPIGTWLLYLPCTWSIGLAAEPGCFPDWYMLSLFGTGAILMRGAGC TINDMWDQDYDKKVTRTANRPIAAGDISTFQSFVFLGGQLTALGVLLCLNYYSIALGAGSLLLVITY PLMKRISYWPQLALGLTFNWGALLGWSAIKGS CDPSVCLPLYFSGVMWTLTYDTIYAHQDKRDDVL IGLKSTALRF GENTKPWLSGFSVAMLGALSLVGVNSGQTAPYYAALGAVGAHLTHQIYTLDIHRPE DCWNKFISNRTLGLIVFLGMLGNLWKEKKTDKTKKG IENKIEN
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 — COQ2

Entrez GeneID [27235](#)

GeneBank Accession# [BC008804.2](#)

Protein Accession# [AAH08804.1](#)

Gene Name COQ2

Gene Alias CL640, FLJ26072

Gene Description coenzyme Q2 homolog, prenyltransferase (yeast)

Omim ID [607426 609825](#)

Gene Ontology [Hyperlink](#)

Gene Summary CoQ (ubiquinone) serves as a redox carrier in the mitochondrial respiratory chain and is a lipid-soluble antioxidant. COQ2, or parahydroxybenzoate-polyprenyltransferase (EC 2.5.1.39), catalyzes one of the final reactions in the biosynthesis of CoQ, the prenylation of parahydroxybenzoate with an all-trans polyprenyl group (Forsgren et al., 2004 [PubMed 15153069]).[supplied by OMIM]

Other Designations para-hydroxybenzoate-polyprenyltransferase, mitochondrial

Pathway

- [Ubiquinone and other terpenoid-quinone biosynthesis](#)

Disease

- [Disease Progression](#)
- [Kidney Failure](#)
- [Nephrotic Syndrome](#)