

DNAxPAb

Hard-to-Find
Antibody

POR DNAxPab

Catalog # H00005447-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human POR DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MINMGDSHVDTSSTVSEAVAEVSLFSMTDMILFSLVGLLTYWFLFRKKKEEVPEFTKIQLTSSV RESSFVEKMKKTGRNIVFYGSQTGTAEFANRLSKDAHRYGMRGMSADPEEYDLADLSSLPEID NALVVFCMATYGECDPTDNAQDFYDWLQETDVLDSGVKFAVFGLGNKTYEHFNAMGKYVDKRL EQLGAQRIFELGLGDDGDNLEEDFITWREQFWLAVCEHFGVEATGEESSIRQYELVVHTDIDAAK VYMGEMGRLKSYENQKPPFDAKNPFLAAVTTNRKLNQGTERHLMHLELDISDSKIRYESGDHVAV YPANDSALVNQLGKILGADLDVMSLNNLDEESNKKHPFCPTSYRTALTYLDITNPPRTNVLVEL AQYASEPSEQELLRKMASSSGEGKELYLSWVVEARRHILAILQDCPSLRPPIDHLCCELLPRLQARY YSIASSSKVHPNSVHICAVVVEYETKAGRINKGVATNWLRAKEPVGENGGRALVPMFVRKSQFRL PFKATTPVIMVPGTGVAPFIGFIQERAWLRQQGKEVGETLLYYGCRRSDEDLYREELAQFHRD GALTQLNVAFSREQSHKVYVQHLLKQDREHLWKLIEGGAHIYVCGDARNMARDVQNTFYDVAEL GAMEHAQAVDYIKKLMTKGRYSLDVWS
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 — POR

Entrez GeneID [5447](#)

GeneBank Accession# [BC034277](#)

Protein Accession# [AAH34277.1](#)

Gene Name POR

Gene Alias CPR, CYPOR, DKFZp686G04235, FLJ26468, P450R

Gene Description P450 (cytochrome) oxidoreductase

Omim ID [124015 201750](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes an endoplasmic reticulum membrane oxidoreductase with an FAD-binding domain and a flavodoxin-like domain. The protein binds two cofactors, FAD and FMN, which allow it to donate electrons directly from NADPH to all microsomal P450 enzymes. Mutations in this gene have been associated with various diseases, including apparent combined P450C17 and P450C21 deficiency, amenorrhea and disordered steroidogenesis, congenital adrenal hyperplasia and Antley-Bixler syndrome. [provided by RefSeq]

Other Designations NADPH-dependent cytochrome P450 reductase|cytochrome P450 reductase

Disease

- [Adrenal hyperplasia](#)
- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Bone Diseases](#)
- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Social Perception](#)