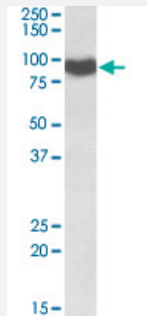


POR polyclonal antibody

Catalog # PAB19039 Size 100 ug

Applications



Western Blot (Tissue lysate)

POR polyclonal antibody (Cat # PAB19039) (0.1 ug/mL) staining of rat liver lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of POR.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human POR.
Sequence	C-TNPPRTNVLYE
Host	Goat
Theoretical MW (kDa)	90
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:16000) Western Blot (0.1-0.3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

POR polyclonal antibody (Cat # PAB19039) (0.1 ug/mL) staining of rat liver lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — POR

Entrez GeneID[5447](#)**Protein Accession#**[NP_000932.3](#)**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](#)