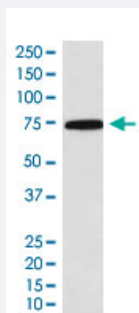


POR monoclonal antibody, clone AEFH-16

Catalog # MAB22195 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of A-431 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic protein of human POR.
Immunogen	A synthetic peptide corresponding to human POR.
Host	Rabbit
Reactivity	Human
Specificity	This antibody reacts with human, mouse, rat POR, in native form and recombinant. Superfamily members of POR are not reactive to antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:1000-5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C. For long term storage 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 (Cell lysate)

Western Blot (cell lysate) analysis of A-431 cell lysate.

Gene Info — POR

Entrez GeneID[5447](#)**Protein Accession#**[P16435](#)**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](#)