

POR

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:100

Calculated MW: 77kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human POR

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CPR; CYPOR; P450R;

Catalog #: A8142

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5447

Isotype: IgG

Swiss Prot: P16435

Purity: Affinity purification

For research use only.

Background:

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.

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