

**CYPOR / POR Antibody (Internal)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS15386**

**Specification**

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**CYPOR / POR Antibody (Internal) - Product Information**

Application	WB
Primary Accession	<a href="#">P16435</a>
Reactivity	Human, Mouse, Rat, Rabbit, Hamster, Monkey, Pig, Chicken, Horse, Xenopus, Bovine, Guinea Pig, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	77kDa KDa

**CYPOR / POR Antibody (Internal) - Additional Information**

**Gene ID** 5447

**Other Names**

NADPH--cytochrome P450 reductase, CPR, P450R, 1.6.2.4, POR, CYPOR

**Target/Specificity**

Human POR / CYPOR.

**Reconstitution & Storage**

Store at -20°C. Minimize freezing and thawing.

**Precautions**

CYPOR / POR Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

**CYPOR / POR Antibody (Internal) - Protein Information**

**Name** POR {ECO:0000255|HAMAP-Rule:MF\_03212}

**Synonyms** CYPOR

**Function**

This enzyme is required for electron transfer from NADP to cytochrome P450 in microsomes. It can also provide electron transfer to heme oxygenase and cytochrome B5.

**Cellular Location**

Endoplasmic reticulum membrane {ECO:0000255|HAMAP-Rule:MF\_03212}; Single-pass membrane protein {ECO:0000255|HAMAP-Rule:MF\_03212}; Cytoplasmic side {ECO:0000255|HAMAP-Rule:MF\_03212}

## CYPOR / POR Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## CYPOR / POR Antibody (Internal) - Images



POR antibody (0.1 ug/ml) staining of Rat Liver lysate (35 ug protein/ml in RIPA buffer).

## CYPOR / POR Antibody (Internal) - Background

This enzyme is required for electron transfer from NADP to cytochrome P450 in microsomes. It can also provide electron transfer to heme oxygenase and cytochrome B5.

## CYPOR / POR Antibody (Internal) - References

- Shephard E.A., et al. Arch. Biochem. Biophys. 294:168-172(1992).  
Czerwinski M., et al. Submitted (APR-2000) to the EMBL/GenBank/DDBJ databases.  
Murakami H.O., et al. Submitted (NOV-2000) to the EMBL/GenBank/DDBJ databases.  
Hillier L.W., et al. Nature 424:157-164(2003).  
Haniu M., et al. Biochemistry 28:8639-8645(1989).