

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

Specification

CYPOR / POR Antibody (Internal) - Product Information

Application	WB
Primary Accession	P16435
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

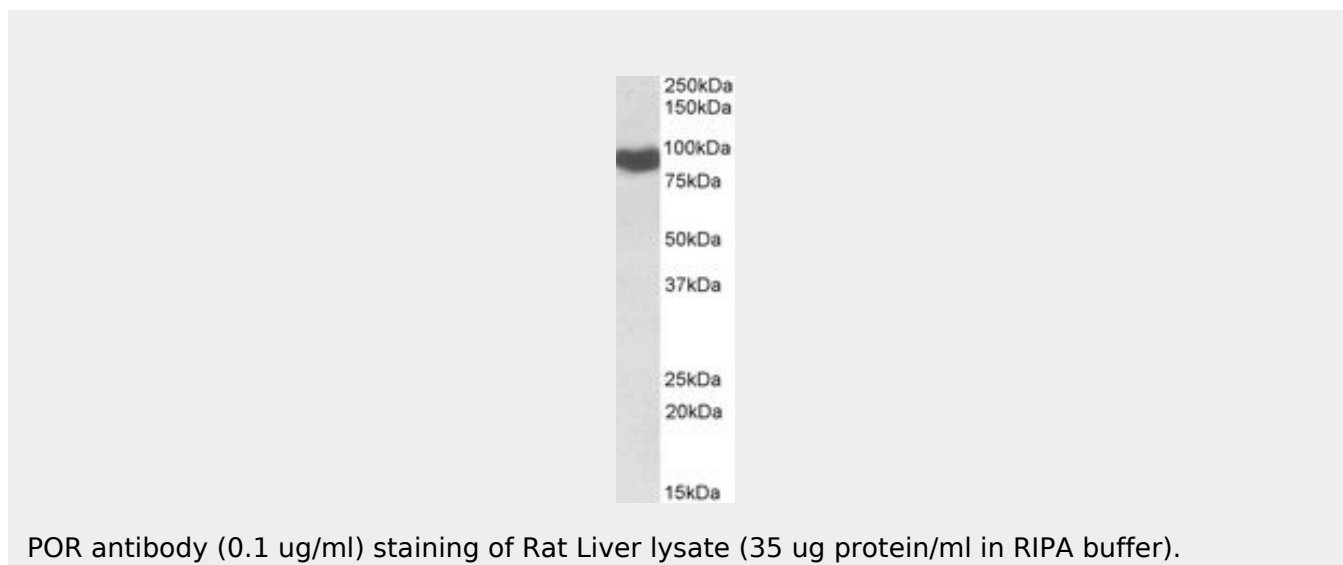
Endoplasmic reticulum membrane {ECO:0000255|HAMAP-Rule:MF_03212}; Single-pass membrane protein {ECO:0000255|HAMAP-Rule:MF_03212}; Cytoplasmic side {ECO:0000255|HAMAP-Rule:MF_03212}

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).