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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}

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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 Cytomety
- 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).