

CYPOR Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3317a**Specification**

CYPOR Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	P16435
Other Accession	NP_000932.3 , 5447 , 18984 (mouse) , 29441 (rat)
Reactivity	Human, Mouse, Rat
Predicted	Rabbit, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	76690

CYPOR Antibody (internal region) - Additional Information**Gene ID** 5447**Other Names**

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

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CYPOR Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

CYPOR Antibody (internal region) - 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.

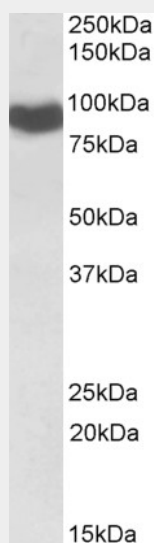
Cellular Location

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}

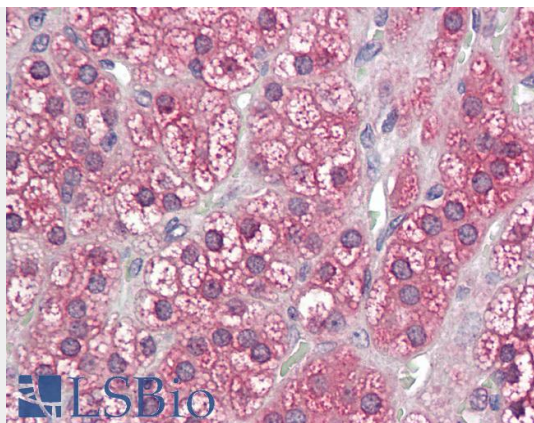
CYPOR Antibody (internal region) - Protocols

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 Antibody (internal region) - Images

AF3317a (0.1 µg/ml) staining of Rat Liver lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



AF3317a (3.75 µg/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

CYPOR Antibody (internal region) - References

Cytokeratin 20-positive hepatocellular carcinoma. Fanni D, Nemolato S, Ganga R, Senes G, Gerosa C, Van Eyken P, Geboes K, Faa G, European journal of histochemistry : EJH 53 (4): 269-73. PMID: 20007098