

Cytochrome P450 Reductase Antibody

Rabbit mAb

Catalog # AP91775

Product Information

Application	WB, IHC, IF, FC, ICC, IHF
Primary Accession	P16435
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	CPR; CYPOR; P450R; por;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	76690

Additional Information

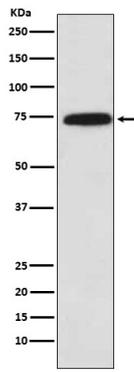
Dilution	WB 1:1000~1:5000 IHC 1:50~1:200 ICC/IF 1:50~1:200 FC 1:20
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Cytochrome P450 Reductase
Description	This enzyme is required for electron transfer from NADP to cytochrome P450 in microsomes. It can also provide electron transfer to heme oxygenase and cytochrome B5.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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}

Images

Western blot analysis of Cytochrome P450 Reductase expression in A431 cell lysate.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.