

Rabbit anti-Human NADPH--cytochrome P450 reductase Polyclonal Antibody | anti-POR antibody

Rabbit anti-human NADPH--cytochrome P450 reductase polyclonal Antibody

CATALOG # AAA230575	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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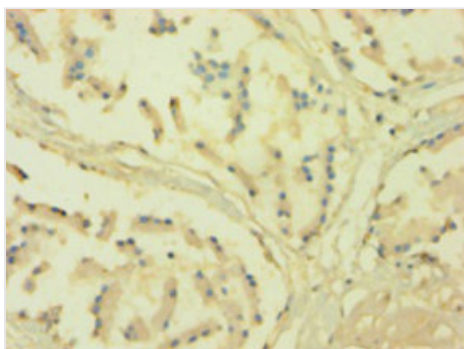
PRODUCT SYNONYMS

NADPH--cytochrome P450 reductase; Polyclonal Antibody; Rabbit anti-human NADPH--cytochrome P450 reductase polyclonal Antibody; POR CYPOR; anti-POR antibody

PRODUCT SPECIFICATIONS

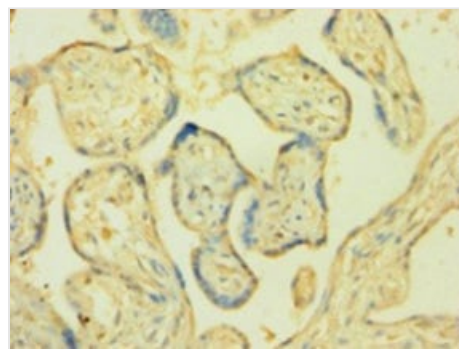
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	680
Applicable Applications for anti-POR antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human NADPH--cytochrome P450 reductase protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-8091 / sc-8090 / sc-55477 / sc-13984
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



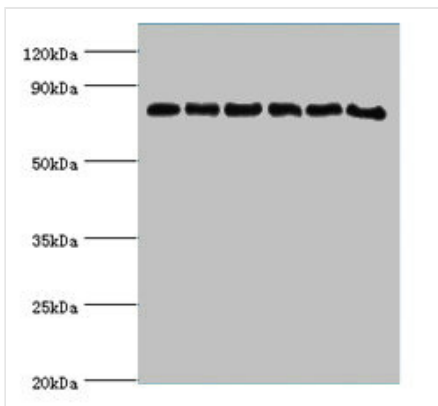
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate tissue using AAA230575 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA230575 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: NADPH--cytochrome P450 reductase antibody at 2ug/mlLane 1:K562 whole cell lysateLane 2:NIH3T3 whole cell lysateLane 3:293T whole cell lysateLane 4:Hela whole cell lysateLane 5:HepG2 whole cell lysateLane 6:A431 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 77kDaObserved band size: 77kDa

ADDITIONAL INFORMATION

Related Product Information for anti-POR antibody	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. This gene encodes an endoplasmic reticulum membrane oxidoreductase with an FAD-binding domain and a flavodoxin-like domain. The protein binds two cofactors, FAD and FMN, which allow it to donate electrons directly from NADPH to all microsomal P450 enzymes. Mutations in this gene have been associated with various diseases, including apparent combined P450C17 and P450C21 deficiency, amenorrhea and disordered steroidogenesis, congenital adrenal hyperplasia and Antley-Bixler syndrome.
Product Categories/Family for anti-POR antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	127139033
NCBI GeneID	5447
NCBI Accession #	NP_000932.3
NCBI GenBank Nucleotide #	NM_000941.2
UniProt Accession #	P16435; Q16455; Q197M5; Q8N181; Q9H3M8; Q9UDT3
Molecular Weight	76,690 Da
NCBI Official Full Name	NADPH--cytochrome P450 reductase
NCBI Official Synonym Full Names	P450 (cytochrome) oxidoreductase
NCBI Official Symbol	POR
NCBI Official Synonym Symbols	CPR; CYPOR; P450R
NCBI Protein Information	NADPH--cytochrome P450 reductase
UniProt Protein Name	NADPH--cytochrome P450 reductase
UniProt Gene Name	POR
UniProt Synonym Gene Names	CPR; P450R
UniProt Entry Name	NCPR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nadph-cytochrome-p450-reductase-antibody-immunohistochemistry-western-blot-elisa/230575>