

## Rabbit POR Polyclonal Antibody | anti-POR antibody

POR antibody - N-terminal region

| CATALOG # | HOST   | REACTIVITY                                                               | APPLICATIONS                       |
|-----------|--------|--------------------------------------------------------------------------|------------------------------------|
| AAA199430 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish | Western Blot, Immunohistochemistry |

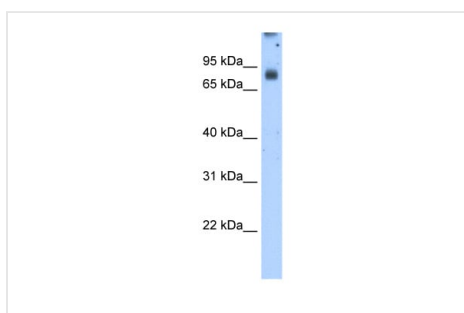
### PRODUCT SYNONYMS

POR; Polyclonal Antibody; POR antibody - N-terminal region; anti-POR antibody

### PRODUCT SPECIFICATIONS

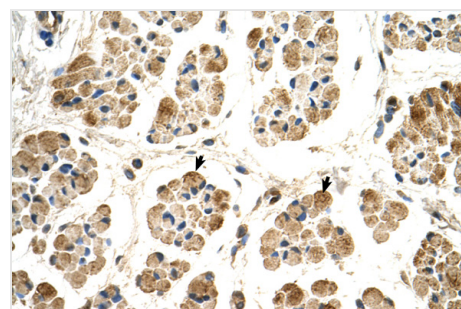
|                                               |                                                                                                                                                       |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                |
| Reactivity                                    | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish                                                                              |
| Clonality                                     | Polyclonal                                                                                                                                            |
| Purity/Purification                           | Protein A purified                                                                                                                                    |
| Form/Format                                   | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                      | Synthetic peptide with the following region: ID NALVVFCMAT YGEGDPTDNA QDFYDWLQET DVDLSGVKFA VFGLGNKT                                                  |
| Sequence Length                               | 680                                                                                                                                                   |
| Applicable Applications for anti-POR antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                                         |
| Homology                                      | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 93%; Zebrafish: 100%                   |
| Immunogen                                     | The immunogen is a synthetic peptide directed towards the N terminal region of human POR                                                              |
| Preparation and Storage                       | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



**WB (Western Blot)**

WB Suggested Antibody Titration: 2.5 ug/ml Positive Control: 293T



**IHC (Immunohistochemistry)**

Human Muscle

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-POR antibody | <p>This is a rabbit polyclonal antibody against POR. It was validated on Western Blot and immunohistochemistry</p> <p>Target Description: POR is 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 POR 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.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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> |
| Product Categories/Family for anti-POR antibody   | <p>Polyclonal; RNA Binding Proteins; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Drugs and Drug Metabolism; Developmental Biology; Immunohistochemistry; Receptors; Acetylation; Methylation</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

NCBI AND UNIPROT INFORMATION

|                                  |                                  |
|----------------------------------|----------------------------------|
| NCBI GI #                        | 127139033                        |
| NCBI GeneID                      | 5447                             |
| NCBI Accession #                 | NP_000932                        |
| NCBI GenBank Nucleotide #        | NM_000941                        |
| UniProt Accession #              | Q63HL4; P16435                   |
| Molecular Weight                 | 77kDa                            |
| NCBI Official Full Name          | NADPH--cytochrome P450 reductase |
| NCBI Official Synonym Full Names | cytochrome p450 oxidoreductase   |
| NCBI Official Symbol             | POR                              |
| NCBI Official Synonym Symbols    | CPR; CYPOR; P450R                |
| NCBI Protein Information         | NADPH--cytochrome P450 reductase |

**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://www.aaabiotech.com/polyclonal/por-antibody-western-blot-immunohistochemistry-elisa/199430>