

## Rabbit anti-Mouse PR Polyclonal Antibody | anti-PR antibody

PR antibody (Ser400)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                            |
|-----------|--------|------------|-----------------------------------------|
| AAA224437 | Rabbit | Mouse      | ELISA, Immunofluorescence, Western Blot |

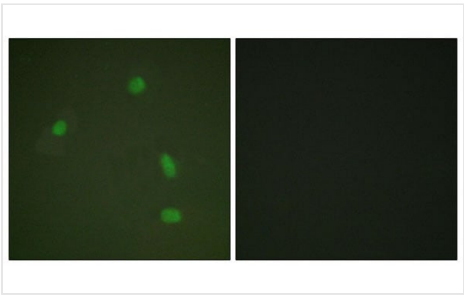
### PRODUCT SYNONYMS

PR; Polyclonal Antibody; PR antibody (Ser400); Polyclonal PR; Anti-PR; NR3C3; Nuclear receptor subfamily 3 group C member 3; PGR; PRGR; Progesterone receptor; anti-PR antibody

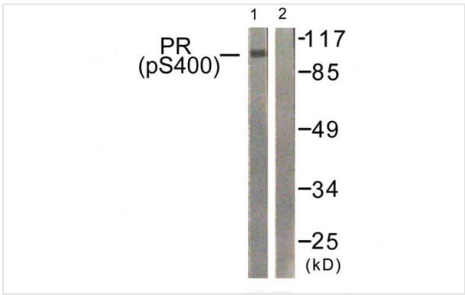
### PRODUCT SPECIFICATIONS

|                                              |                                                                                                                                                                                                                                                                                |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                         | Rabbit                                                                                                                                                                                                                                                                         |
| Reactivity                                   | Mouse                                                                                                                                                                                                                                                                          |
| Clonality                                    | Polyclonal                                                                                                                                                                                                                                                                     |
| Isotype                                      | IgG                                                                                                                                                                                                                                                                            |
| Specificity                                  | PR antibody (Ser400) detects endogenous levels of PR only when phosphorylated at serine 400                                                                                                                                                                                    |
| Purity/Purification                          | PR antibody was purified by affinity chromatography                                                                                                                                                                                                                            |
| Form/Format                                  | Supplied in liquid format, PBS buffer, pH 7.4, 150mM NaCl with added preservative 0.02% sodium azide and 50% glycerol                                                                                                                                                          |
| Concentration                                | 1 mg/ml (varies by lot)                                                                                                                                                                                                                                                        |
| Sequence Length                              | 930                                                                                                                                                                                                                                                                            |
| Applicable Applications for anti-PR antibody | ELISA, IF (Immunofluorescence), WB (Western Blot)                                                                                                                                                                                                                              |
| Biological Significance                      | After progesterone binds to this receptor, restructuring with dimerization follows and the complex enters the nucleus and binds to DNA. There transcription takes place, resulting in formation of messenger RNA that is translated by ribosomes to produce specific proteins. |
| Cross-Reactivity                             | Mouse - Reactive with proteins phosphorylated as follows: Human: Ser400, Mouse: Ser398                                                                                                                                                                                         |
| Immunogen                                    | PR antibody was raised in Rabbit using a synthesized phosphopeptide derived from human PR around the phosphorylation site of serine 400 (A-R-SP-P-R) as the immunogen                                                                                                          |
| Preparation and Storage                      | Aliquot and store at -20 degree C. Avoid repeated freeze thaw cycles                                                                                                                                                                                                           |

IMAGES



IF (Immunofluorescence)



**WB (Western Blot)**  
Western blot analysis of extracts from 293 cells, treated with heat shock, using PR (Phospho-Ser400) antibody.

ADDITIONAL INFORMATION

|                                                  |                                                                                      |
|--------------------------------------------------|--------------------------------------------------------------------------------------|
| Related Product Information for anti-PR antibody | Rabbit polyclonal PR antibody (Ser400)                                               |
| Product Categories/Family for anti-PR antibody   | <a href="#">Signal Transduction</a> ; <a href="#">Purified Polyclonal Antibodies</a> |

NCBI AND UNIPROT INFORMATION

|                            |                                |
|----------------------------|--------------------------------|
| NCBI GI #                  | <a href="#">126722780</a>      |
| NCBI GeneID                | <a href="#">100009094</a>      |
| NCBI Accession #           | <a href="#">NP_001075736.1</a> |
| NCBI GenBank Nucleotide #  | <a href="#">NM_001082267.1</a> |
| Molecular Weight           | 98,667 Da                      |
| NCBI Official Full Name    | progesterone receptor          |
| NCBI Official Symbol       | PGR                            |
| NCBI Protein Information   | progesterone receptor          |
| UniProt Protein Name       | Progesterone receptor          |
| UniProt Gene Name          | <b>PGR</b>                     |
| UniProt Synonym Gene Names | NR3C3; PR                      |
| UniProt Entry Name         | PRGR_RABIT                     |

**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/pr-antibody-immunofluorescence-western-blot-elisa/224437>