

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

PR antibody (Ser400)

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

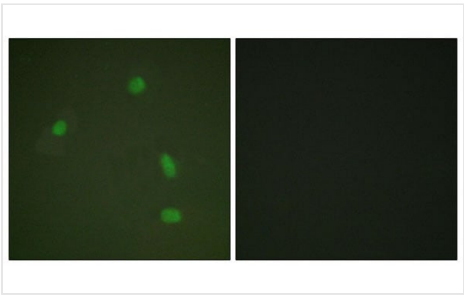
PRODUCT SYNONYMS

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

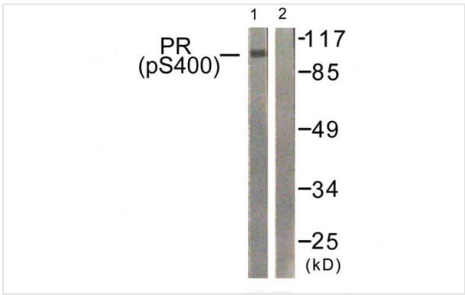
PRODUCT SPECIFICATIONS

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	Signal Transduction; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	126722780
NCBI GeneID	100009094
NCBI Accession #	NP_001075736.1
NCBI GenBank Nucleotide #	NM_001082267.1
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	PGR
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://stage.aaabiotech.com/polyclonal/pr-antibody-immunofluorescence-western-blot-elisa/224437>