

Rabbit anti-Human, Rat Progesterone Receptor Polyclonal Antibody | anti-PGR antibody

Anti-Progesterone Receptor antibody

CATALOG # AAA45719	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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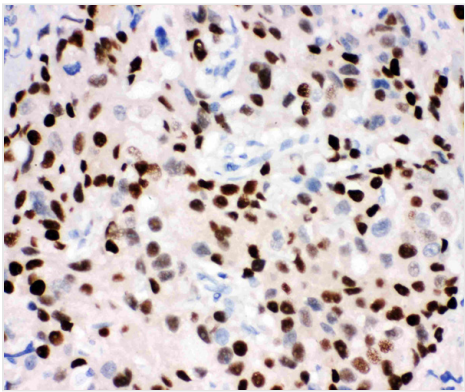
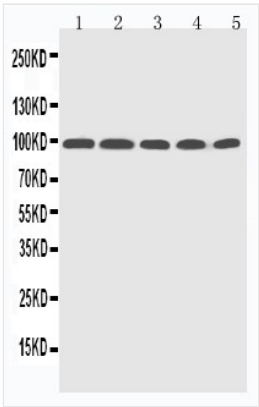
PRODUCT SYNONYMS

Progesterone Receptor; Polyclonal Antibody; Anti-Progesterone Receptor antibody; Progesterone receptor; progesterone receptor; NR3C3 antibody; Nuclear receptor subfamily 3 group C member 3 antibody; PGR antibody; PR antibody; PRA antibody; PRB antibody; PRGR_HUMAN antibody; Progesterone receptor antibody; Progesterin receptor form A antibody; Progesterin receptor form B antibody; anti-PGR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	933
Applicable Applications for anti-PGR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human Progesterone Receptor recombinant protein (Position: M595-K933). Human Progesterone Receptor shares 95% and 94% amino acid (aa) sequence identity with mouse and rat Progesterone Receptor, respectively.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-Progesterone Receptor Picoband antibody, AAA45719-1.JPG IHC(P): Human Mammary Cancer Tissue

Application Data
Anti-Progesterone Receptor Picoband antibody, AAA45719-2.jpg All lanes: Anti-Progesterone Receptor(AAA45719) at 0.5ug/ml Lane 1: HELA Whole Cell Lysate at 40ug Lane 2: MCF-7 Whole Cell Lysate at 40ug Lane 3: SKOV Whole Cell Lysate at 40ug Lane 4: Rat Brain Tissue Lysate at 40ug Lane 5: Rat Testis Tissue Lysate at 40ug Predicted bind size: 99KD Observed bind size: 99KD

ADDITIONAL INFORMATION

Related Product Information for anti-PGR antibody

Description: Rabbit IgG polyclonal antibody for Progesterone receptor(PGR) detection. Tested with WB, IHC-P in Human, Rat.

Background: The progesterone receptor (PR) is an intracellular steroid receptor that specially binds progesterone in humans. PR has been a member of the steroid receptor superfamily. It is encoded by a single PGR gene residing on chromosome 11q22. The PGR gene uses separate promoters and translational start sites to produce 2 isoforms, PRA and PRB, which are identical except for an additional 165 amino acids present only in the N terminus of PRB. It can be observed in human breast tissues. The proteins function as dimeric molecules in nuclei to regulate the transcription of target genes in a ligand-responsive manner.

NCBI AND UNIPROT INFORMATION

NCBI GI #	90110048
NCBI GeneID	5241
UniProt Accession #	P06401; Q8TDS3; Q9UPF7; A7LQ08; A7X8B0; B4E3T0
Molecular Weight	87,747 Da
NCBI Official Full Name	Progesterone receptor
NCBI Official Synonym Full Names	progesterone receptor
NCBI Official Symbol	PGR
NCBI Official Synonym Symbols	PR; NR3C3
NCBI Protein Information	progesterone receptor; nuclear receptor subfamily 3 group C member 3
UniProt Protein Name	Progesterone receptor
UniProt Gene Name	PGR
UniProt Synonym Gene Names	NR3C3; PR
UniProt Entry Name	PRGR_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.

