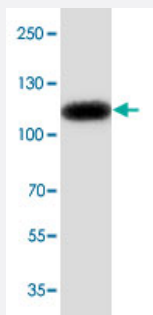


# PGR polyclonal antibody

Catalog # PAB19520      Size 100 ug

## Applications



### Western Blot (Cell lysate)

Western blot analysis of MCF-7 whole cell extracts with PGR polyclonal antibody (Cat # PAB19520).

## Specification

|                            |                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against synthetic peptide of PGR.                                                        |
| <b>Immunogen</b>           | A synthetic peptide corresponding to amino acids at middle region of human PGR.                                            |
| <b>Host</b>                | Rabbit                                                                                                                     |
| <b>Reactivity</b>          | Human                                                                                                                      |
| <b>Specificity</b>         | It identical to the rat and mouse sequence.                                                                                |
| <b>Form</b>                | Lyophilized                                                                                                                |
| <b>Purification</b>        | Immunoaffinity purification                                                                                                |
| <b>Isotype</b>             | IgG                                                                                                                        |
| <b>Recommend Usage</b>     | Western Blot (1 ug/mL)<br>The optimal working dilution should be determined by the end user.                               |
| <b>Storage Buffer</b>      | Lyophilized from 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal) |

**Storage Instruction**

Store at -20°C on dry atmosphere.

After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower.

Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide and thimerosal: POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of MCF-7 whole cell extracts with PGR polyclonal antibody (Cat # PAB19520).

## Gene Info — PGR

**Entrez GeneID** [5241](#)

**Gene Name** PGR

**Gene Alias** NR3C3, PR

**Gene Description** progesterone receptor

**Omim ID** [607311](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene encodes a member of the steroid receptor superfamily. The encoded protein mediates the physiological effects of progesterone, which plays a central role in reproductive events associated with the establishment and maintenance of pregnancy. This gene uses two distinct promoters and translation start sites in the first exon to produce two isoforms, A and B. The two isoforms are identical except for the additional 165 amino acids found in the N-terminus of isoform A only, and mediate their own response genes and physiologic effects with little overlap. The location of transcription initiation for isoform B has not been clearly determined. [provided by RefSeq]

**Other Designations** -

## Disease

- [Abortion](#)
- [Adenocarcinoma](#)
- [Adhesions](#)

- [Aortic Aneurysm](#)
- [Arthritis](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)
- [Connective Tissue Diseases](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Endometriosis](#)
- [Esophageal Neoplasms](#)
- [Fetal Diseases](#)
- [Gender Identity](#)
- [Genetic Predisposition to Disease](#)
- [Hyperprolactinemia](#)
- [Hypertension](#)
- [Infant](#)
- [Infection](#)
- [Infertility](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Leiomyoma](#)

- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Lymphoma](#)
- [Migraine Disorders](#)
- [Musculoskeletal Diseases](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Cysts](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Panic Disorder](#)
- [Peritoneal Diseases](#)
- [Polycystic Ovary Syndrome](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Proteinuria](#)
- [Psychiatric Status Rating Scales](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Skin Diseases](#)
- [Stomach Neoplasms](#)

- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Diseases](#)
- [Uterine Neoplasms](#)
- [Vertigo](#)
- [Werner syndrome](#)