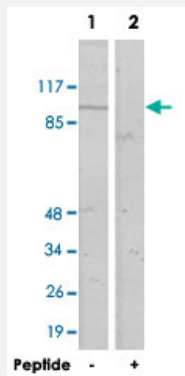


PGR polyclonal antibody

Catalog # PAB18215 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from HeLa cells, using PGR polyclonal antibody (Cat # PAB18215).

Peptide "+" means "peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PGR.
Immunogen	A synthetic peptide corresponding to residues surrounding S400 of human PGR.
Host	Rabbit
Reactivity	Human
Specificity	This antibody is specific to PGR.
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) Immunofluorescence (1:500-1:1000) ELISA (1:5000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from HeLa cells, using PGR polyclonal antibody (Cat # PAB18215).
Peptide "+" means "peptide blocking".

- Immunohistochemistry

- Immunofluorescence

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PGR

Entrez GeneID	5241
Protein Accession#	P06401
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	-

Publication Reference

- [GCUNC-45 is a novel regulator for the progesterone receptor/hsp90 chaperoning pathway.](#)

Chadli A, Graham JD, Abel MG, Jackson TA, Gordon DF, Wood WM, Felts SJ, Horwitz KB, Toft D.

Molecular and Cellular Biology 2006 Mar; 26(5):1722.

Application: WB-Ce, Human, HeLa cells

- [BAF60a mediates critical interactions between nuclear receptors and the BRG1 chromatin-remodeling complex for transactivation.](#)

Hsiao PW, Fryer CJ, Trotter KW, Wang W, Archer TK.

Molecular and Cellular Biology 2003 Sep; 23(17):6210.

Application: WB, Human, 2963.1, A1-2 cells

- [Identification of a phosphorylation site in the hinge region of the human progesterone receptor and additional amino-terminal phosphorylation sites.](#)

Knotts TA, Orkiszewski RS, Cook RG, Edwards DP, Weigel NL.

The Journal of Biological Chemistry 2001 Mar; 276(11):8475.

Disease

- [Abortion](#)
- [Adenocarcinoma](#)
- [Adhesions](#)
- [Aortic Aneurysm](#)
- [Arthritis](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)
- [Connective Tissue Diseases](#)

- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Edema](#)
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- [Ovarian cancer](#)
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- [Uterine Diseases](#)
- [Uterine Neoplasms](#)
- [Vertigo](#)
- [Werner syndrome](#)