



# Anti-PGR (aa 1-110) polyclonal antibody (DPAB-DC2236)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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 B and mediate their own response genes and physiologic effects with little overlap.
<b>Immunogen</b>	PGR (NP_000917, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. The sequence is MTCLKAKGPRAPHVAGGPPSPEVGSPLLCRPAAGPFGSQTSDTLPEVSAIPISLDGLLF PRPCQGQDPSDEKTQDQQSLSDVEGAYSRAEATRGAGGSSSSPPEKDSGL
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">PGR progesterone receptor [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	PGR
<b>Synonyms</b>	PGR; progesterone receptor; PR; NR3C3; nuclear receptor subfamily 3 group C member 3;
<b>Entrez Gene ID</b>	<a href="#">5241</a>
<b>Protein Refseq</b>	<a href="#">NP_000917</a>
<b>UniProt ID</b>	<a href="#">P06401</a>
<b>Chromosome Location</b>	11q22-q23
<b>Pathway</b>	Cellular roles of Anthrax toxin; Generic Transcription Pathway; Nuclear Receptors; Oocyte meiosis
<b>Function</b>	DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; enzym