

Datasheet for ABIN1537613

anti-Progesterone Receptor antibody (C-Term)[Go to Product page](#)**2** Images

Overview

Quantity:	400 µL
Target:	Progesterone Receptor (PGR)
Binding Specificity:	AA 816-843, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Progesterone Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	This PGR/PR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 816-843 amino acids from the C-terminal region of human PGR/PR.
Clone:	RB41081
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Progesterone Receptor (PGR)
Alternative Name:	PGR/PR (PGR Products)
Background:	This gene encodes a member of the steroid receptor superfamily. The encoded protein

Target Details

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. The location of transcription initiation for isoform A has not been clearly determined.

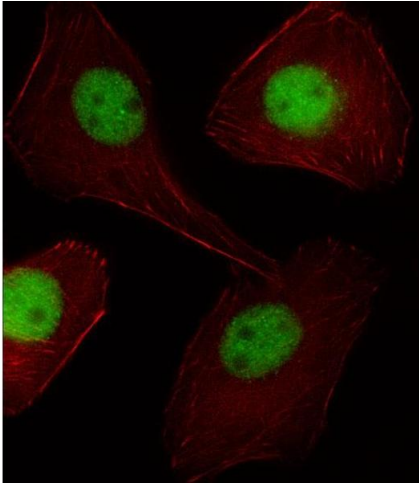
Molecular Weight:	98981
Gene ID:	5241
NCBI Accession:	NP_000917 , NP_001189403 , NP_001258091
UniProt:	P06401
Pathways:	Nuclear Receptor Transcription Pathway , Intracellular Steroid Hormone Receptor Signaling Pathway , Steroid Hormone Mediated Signaling Pathway , Smooth Muscle Cell Migration

Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000
Restrictions:	For Research Use only

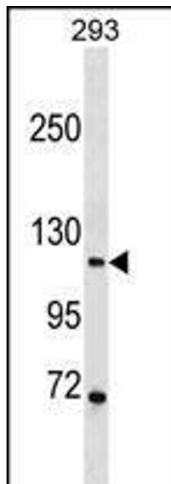
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	PGR/PR Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Immunofluorescence

Image 1. Fluorescent image of cell stained with PGR/PR Antibody (C-term) (ABIN1537613 and ABIN2838264). cells were fixed with 4 % PFA (20 min), permeabilized with Triton X-100 (0.1 %, 10 min), then incubated with PGR/PR primary antibody (1:25, 1 h at 37 °C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 °C).Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/mL, 1 h at 37 °C).PGR/PR immunoreactivity is localized to Nucleus significantly and Vesicles weakly.



Western Blotting

Image 2. PGR/PR Antibody (C-term) (ABIN1537613 and ABIN2838264) western blot analysis in 293 cell line lysates (35 µg/lane).This demonstrates the PGR/PR antibody detected the PGR/PR protein (arrow).