

Datasheet for ABIN1881650

anti-Progesterone Receptor antibody (C-Term)[Go to Product page](#)**1** Image**3** Publications

Overview

Quantity:	400 µL
Target:	Progesterone Receptor (PGR)
Binding Specificity:	AA 833-861, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Progesterone Receptor antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PGR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 833-861 amino acids from the C-terminal region of human PGR.
Clone:	RB41475
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rb, Rat, Sh
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Progesterone Receptor (PGR)
Alternative Name:	PGR (PGR Products)

Target Details

Background:	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. The location of transcription initiation for isoform A has not been clearly determined.
Molecular Weight:	98981
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:	WB: 1:1000
Restrictions:	For Research Use only

Handling

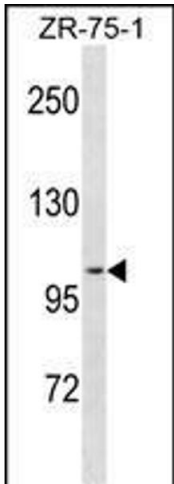
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Publications

Product cited in:	Carrascal, Ovelleiro, Casas, Gay, Abian: "Phosphorylation analysis of primary human T lymphocytes using sequential IMAC and titanium oxide enrichment." in: Journal of proteome research , Vol. 7, Issue 12, pp. 5167-76, (2009) (PubMed).
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Koulich, Li, DeMartino: "Relative structural and functional roles of multiple deubiquitylating proteins associated with mammalian 26S proteasome." in: **Molecular biology of the cell**, Vol. 19, Issue 3, pp. 1072-82, (2008) ([PubMed](#)).

Reuter, Medhurst, Waisfisz, Zhi, Herterich, Hoehn, Gross, Joenje, Hoatlin, Mathew, Huber: "Yeast two-hybrid screens imply involvement of Fanconi anemia proteins in transcription regulation, cell signaling, oxidative metabolism, and cellular transport." in: **Experimental cell research**, Vol. 289, Issue 2, pp. 211-21, (2003) ([PubMed](#)).



Western Blotting

Image 1. PGR Antibody (C-term) (ABIN1881650 and ABIN2838815) western blot analysis in ZR-75-1 cell line lysates (35 µg/lane). This demonstrates the PGR antibody detected the PGR protein (arrow).