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Datasheet for ABIN6256316

anti-Progesterone Receptor antibody (pSer400)





Go to Product page

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Target: Binding Specificity: Reactivity: Host:	100 μL Progesterone Receptor (PGR) pSer400 Human, Monkey Rabbit
Binding Specificity: Reactivity: Host:	pSer400 Human, Monkey Rabbit
Reactivity: Host:	Human, Monkey Rabbit
Host:	Rabbit
Clonality:	Delvolonel
	Polyclonal
Conjugate:	This Progesterone Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	
Immunogen:	A synthesized peptide derived from human Progesterone Receptor around the phosphorylation
	site of Serine 400
Isotype:	IgG
Specificity:	Phospho-Progesterone Receptor (Ser400) Antibody detects endogenous levels of Progesterone
	Receptor only when phosphorylated at Serine 400
Cross-Reactivity:	Human, Monkey
·	The antibody is from purified rabbit serum by affinity purification via sequential
Purification:	
Purification:	The antibody is from purified rabbit serum by affinity purification via sequential
Isotype: Specificity:	lgG Phospho-Progesterone Receptor (Ser400) Antibody detects endogenous levels of Proges

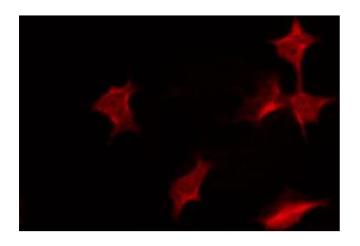
Target Details

Alternative Name:	Progesterone Receptor (PGR Products)
Background:	Description: The steroid hormones and their receptors are involved in the regulation of eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues. Depending on the isoform, progesterone receptor functions as transcriptional activator or repressor. Gene: PGR
Molecular Weight:	99kDa
Gene ID:	5241
UniProt:	P06401
Pathways:	Nuclear Receptor Transcription Pathway, Intracellular Steroid Hormone Receptor Signaling Pathway, Steroid Hormone Mediated Signaling Pathway, Smooth Muscle Cell Migration

Application Details

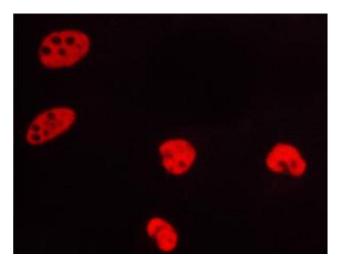
Application Notes:	WB 1:500-1:2000 IF/ICC 1:100-1:500
Restrictions:	For Research Use only
Handling	

Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit lgG in phosphate buffered saline , pH 7.4, 150 $$ mM NaCl, 0.02 $$ % sodium azide and 50 $$ % glycerol.
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:	-20 °C
Storage Comment:	Store at -20 °C.Stable for 12 months from date of receipt
Expiry Date:	12 months



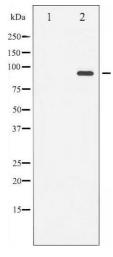
Immunofluorescence (fixed cells)

Image 1. ABIN6267319 staining COS7 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



Immunofluorescence (fixed cells)

Image 2. ABIN6267319 staining HeLa cells by ICC/IF. Cells were fixed with PFA and permeabilized in 0.1% saponin prior to blocking in 10% serum for 45 minutes at 37°C. The primary antibody was diluted 1/400 and incubated with the sample for 1 hour at 37°C. A Alexa Fluor® 594 conjugated goat polyclonal to rabbit IgG (H+L), diluted 1/600 was used as secondary antibody.



Western Blotting

Image 3. Western blot analysis of Progesterone Receptor phosphorylation expression in heatshock treated 293 whole cell lysates, The lane on the left is treated with the antigenspecific peptide.