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anti-PGLYRP1 antibody (C-Term)

2 Images



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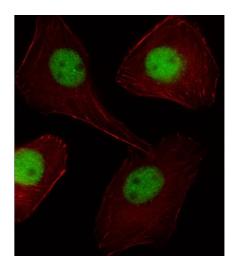
Overview

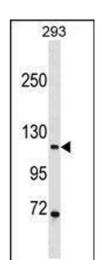
Overview	
Quantity:	400 μL
Target:	PGLYRP1
Binding Specificity:	AA 816-843, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PGLYRP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)
Product Details	
Immunogen:	This PGR/PR antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 816-843 amino acids from the C-terminal region of human PGR/PR.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	PGLYRP1
Alternative Name:	PGR/P (PGLYRP1 Products)
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

Target Details

	distinct promotors 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:	99 kDa
Gene ID:	5241
UniProt:	P06401
Pathways:	Activation of Innate immune Response
Application Details	
Application Notes:	For IF starting dilution is: 1:10~50
	For WB starting dilution is: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	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:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care
	should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to

prolonged high temperatures.





Immunofluorescence

Image 1. Fluorescent image of U251 cell stained with PGR/PR Antibody .U251 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). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400).Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml).PGR/PR immunoreactivity is localized to Nucleus significantly and Vesicles weakly.

Western Blotting

Image 2. Western blot analysis in 293 cell line lysates (35ug/lane).