

Phospho-PGR (Ser294) Polyclonal Antibody

Catalog No. E-AB-21101

Note: Centrifuge before opening to ensure complete recovery of vial contents.

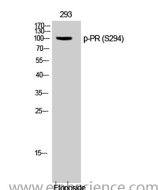
Description

Reactivity	Human,Mouse,Rat
Immunogen	Synthesized peptide derived from human PR around the phosphorylation site of S294.
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

WB	1:500-1:2000
IF	1:200-1:1000
ELISA	1:5000

Data



Western Blot analysis of 293 cells with Phospho-PGR
(Ser294) Polyclonal Antibody
Observed Mw:98kDa
Calculated Mw:99kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

The steroid hormones and their receptors are involved in the regulation of eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues. Progesterone receptor isoform B (PRB) is involved activation of c-SRC/MAPK signaling on hormone stimulation. Isoform A: inactive in stimulating c-Src/MAPK signaling on hormone stimulation. Isoform 4: Increases mitochondrial membrane potential and cellular respiration upon stimulation by progesterone.

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