

Phospho-PGR (Ser190) Polyclonal Antibody

Catalog No. E-AB-20972

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

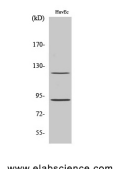
Description

Reactivity	Human,Monkey
Immunogen	Synthesized peptide derived from human PR around the phosphorylation site of Ser190
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

WB	1:500-1:2000
IHC	1:100-1:300
ELISA	1:20000

Data



Western Blot analysis of HuvEc cells using Phospho-PGR (Ser190) Polyclonal Antibody at dilution of 1:1000

Observed Mw:99kDa
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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