

PR(Phospho Ser190) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07671
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Progesterone Receptor around the phosphorylation site of Ser190. AA range:161-210
Mol wt	98981
Species reactivity	Human, Monkey
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Progesterone receptor
Synonyms	Progesterone receptor; PGR; NR3C3; Progesterone receptor; PR; Nuclear receptor subfamily 3 group C member 3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 several transcript variants, both protein coding and non-protein coding. Two of the isoforms (A and B) are identical except for an additional 165 amino acids found in the N-terminus of isoform B and mediate their own response genes and physiologic effects with little overlap.

Recommended Dilution

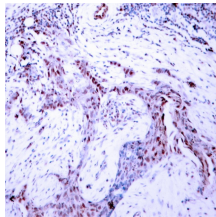
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

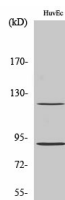
ELISA: 1: 20000

Not yet tested in other applications.

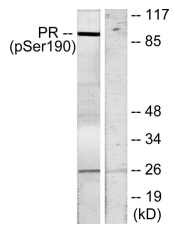
Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using Progesterone Receptor (Phospho-Ser190) Antibody.



Western Blot analysis of various cells using Phospho-PR (S190) Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from COS7 cells treated with EGF, using Progesterone Receptor (Phospho-Ser190) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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