Phospho-Progesterone Receptor(Ser190) Polyclonal Antibody

Catalog: BS65628 Host: Rabbit Reactivity: Mouse,Rat,Cow,

BackGround:

Estrogen and progesterone receptor are members of a family of transcription factors that are regulated by the binding of their cognate ligands. The interaction of hormone-bound estrogen receptors with estrogen responsive elements(EREs) alters transcription of ERE-containing genes. The carboxy terminal region of the estrgen receptor contains the ligand binding domain, the amino terminus serves as the transactivation domain, and the DNA binding domain is centrally located. Two forms of estrogen receptor have been identified, ER alpha and ER beta. ER alpha and ER beta have been shown to be differentially activated by various ligands. The biological response to progesterone is mediated by two distinct forms of the human progesterone receptor (hPR-Aand hPR-B), which arise from alternative splicing. In most cells, hPR-B functions as a transcriptional activator of progesterone-responsive gene, whereas hPR-A function as a transcriptional inhibitor of all steroid hormone receptors.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

110 kD/ 120kD

Swiss-Prot:

Q63449

Purification&Purity:

affinity purified by Protein A

Applications:

WB=1:500-2000

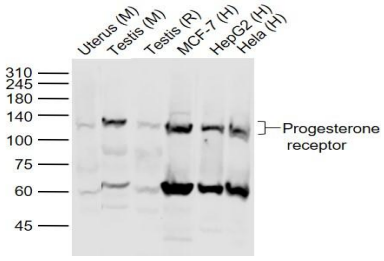
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

Phospho-Progesterone Receptor (Ser190) Polyclonal Antibody detects endogenous levels of Phospho-Progesterone Receptor protein only when phosphorylated at Ser190

DATA:



Sample:

Lane 1: Uterus (Mouse) Lysate at 40 ug

Lane 2: Testis (Mouse) Lysate at 40 ug

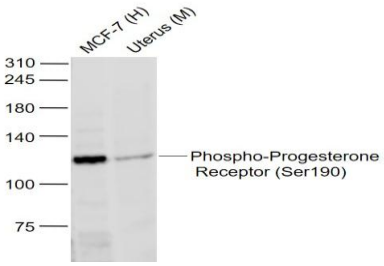
Lane 3: Testis (Rat) Lysate at 40 ug

Lane 4: MCF-7 (Human) Cell Lysate at 30 ug

Lane 5: HepG2 (Human) Cell Lysate at 30 ug

Lane 6: Hela (Human) Cell Lysate at 30 ug

Primary: Anti-progesterone receptor at 1/1000 dilution



Sample:

Lane 1: MCF-7 (Human) Cell Lysate at 30 ug

Lane 2: Uterus (Mouse) Lysate at 40 ug

Primary: Anti-Phospho-Progesterone Receptor (Ser190) at 1/1000 dilution

Note:

For research use only, not for use in diagnostic procedure.

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