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Anti-Progesterone Receptor (pS294) Antibody

Rabbit polyclonal antibody to Progesterone Receptor (pS294)
Catalog # AP59660

Specification

Anti-Progesterone Receptor (pS294) Antibody - Product Information

Application	**WB**
Primary Accession	P06401
Other Accession	Q00175
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**98981**

Anti-Progesterone Receptor (pS294) Antibody - Additional Information

Gene ID 5241

Other Names
NR3C3; Progesterone receptor; PR; Nuclear receptor subfamily 3 group C member 3

Target/Specificity
KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Progesterone Receptor. The exact sequence is proprietary.

Dilution
WB~~WB (1/500 - 1/1000)

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-Progesterone Receptor (pS294) Antibody - Protein Information

Name PGR

Synonyms NR3C3

Function
The steroid hormones and their receptors are involved in the regulation of eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues. Depending on the isoform, progesterone receptor functions as a transcriptional activator or repressor.

Cellular Location
Nucleus. Cytoplasm. Note=Nucleoplasmic shuttling is both hormone- and cell cycle-dependent. On

hormone stimulation, retained in the cytoplasm in the G(1) and G(2)/M phases [Isoform 4]: Mitochondrion outer membrane

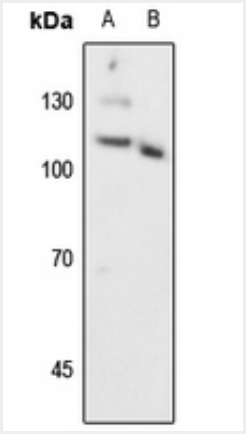
Tissue Location
In reproductive tissues the expression of isoform A and isoform B varies as a consequence of developmental and hormonal status. Isoform A and isoform B are expressed in comparable levels in uterine glandular epithelium during the proliferative phase of the menstrual cycle. Expression of isoform B but not of isoform A persists in the glands during mid-secretory phase. In the stroma, isoform A is the predominant form throughout the cycle. Heterogeneous isoform expression between the glands of the endometrium basalis and functionalis is implying region-specific responses to hormonal stimuli

Anti-Progesterone Receptor (pS294) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Progesterone Receptor (pS294) Antibody - Images



Western blot analysis of Progesterone Receptor (pS294) expression in HEK293T (A), Hela (B) whole cell lysates.

Anti-Progesterone Receptor (pS294) Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Progesterone Receptor. The exact sequence is proprietary.