

Progesterone Receptor Recombinant antibody

Cat:B32106R

Company: Haokebio

Uniprot ID:P06401

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

Progesterone is one of the central regulators of female reproduction. In breast development, progesterone participates in the formation of lobulo-alveolar structures and influences breast differentiation by regulating the synthesis of milk proteins. The cellular effects of progesterone are mediated by the progesterone receptor (PR). PR is a protein consisting of 946 amino acids; it acts as a ligand-activated transcription factor and belongs to the steroid receptor superfamily of nuclear receptors. PR is mainly expressed in sex steroid-responsive tissues in females, such as mammary glands, uterus, and ovaries, but is also found in other tissues, such as the endocrine cells of the islets of Langerhans. Estrogen receptor (ER) and PR have been used for more than 20 years as predictive factors for breast cancer responsiveness to endocrine therapy and as prognostic indicators for early recurrence.

Protein full name:

progesterone receptor

Synonyms:

PGR, NR3C3, PR, PRGR

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

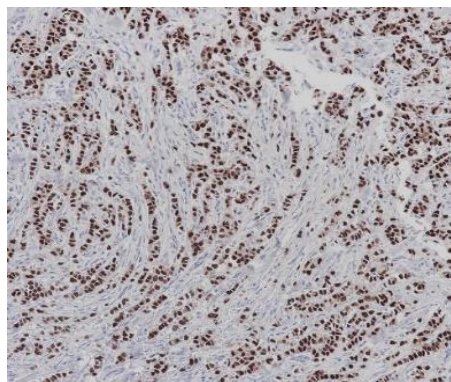
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human breast cancer tissue, 4% PFA 12-24h

Source of Reagents:

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