

Progesterone Receptor Recombinant antibody

Cat:B32068R

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. During breast development, progesterone is involved in the formation of lobuloalveolar structures and influences breast differentiation by regulating the synthesis of milk proteins. The cellular effects of progesterone are mediated by the PR (progesterone receptor). PR is a protein consisting of 946 amino acids; acting as a ligand-activated transcription factor, it is a member of the steroid receptor superfamily within nuclear receptors. PR is primarily expressed in sex steroid-responsive tissues in females, such as the mammary gland, uterus, and ovary, but it is also found in other tissues, including the endocrine cells of the islets of Langerhans. For over 20 years, ER (estrogen receptor) and PR have been used as predictors of 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.

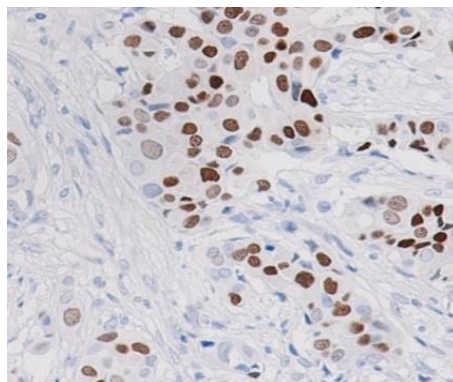
Storage:

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:

发表[中文论文]请标注:Progesterone Receptor(B32068R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Progesterone Receptor(B32068R) we re kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.