

PGRMC Rabbit pAb

Catalog Number: bs-5922R

Target Protein: PGRMC

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human (predicted:Mouse, Rat, Rabbit, Pig, Cow, Chicken)

Predicted MW: 21 kDa

Subcellular: Cell membrane ,Cytoplasm

Locations:

Entrez Gene: 10857

Swiss Prot: O00264

Source: KLH conjugated synthetic peptide derived from human PGRMC: 75-170/195.

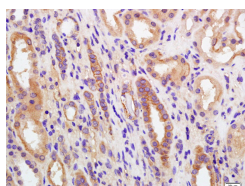
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: PGRMC1 is a progesterone receptor component of 195 aa with a 26 residue N terminal hydrophobic region and no N terminal glycosylation site. It has an overall homology of 50% with PGRMC2 but their C terminal regions have a 68% homology, including a highly conserved 58 residue sequence. PGRMC1 is a heme bind proteins that is up-regulated in several cancers. In breast tumors, PGRMC1 is associated with hypoxia estrogen receptor-negative status. PGRMC1 is also shown to stimulate AKT phosphorylation and is known to stabilise the EGFR receptor tyrosine kinase.

VALIDATION IMAGES



Tissue/cell: human kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-PGRMC Polyclonal Antibody, Unconjugated(bs-5922R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining