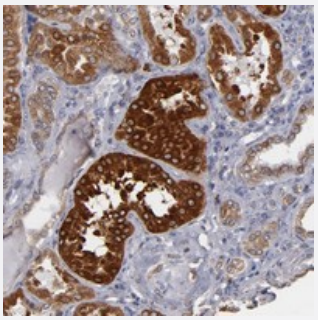
PGRMC1 polyclonal antibody

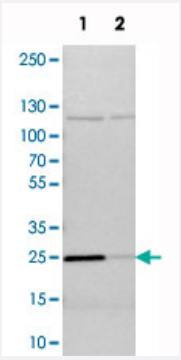
Catalog # PAB20135 Size 100 uL

Applications



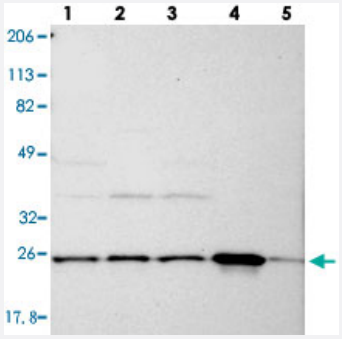
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human kidney with PGRMC1 polyclonal antibody (Cat # PAB20135) shows strong cytoplasmic positivity in tubular cells at 1:500-1:1000 dilution.



Western Blot (Cell lysate)

Western blot analysis of cell lysates with PGRMC1 polyclonal antibody (Cat # PAB20135) at 1:250-1:500 dilution.
Lane 1 : NIH/3T3
Lane 2 : NBT-II



Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: A-431, Lane 4: Liver, Lane 5: Tonsil with PGRMC1 polyclonal antibody (Cat # PAB20135) at 1:250-1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant PGRMC1.

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Immunogen	Recombinant protein corresponding to amino acids of human PGRMC1.
Sequence	DQPAASGDSDDDEPPPLPRLKRRDFTPAELRRFDGVQDPRILMAINGKVFDVTKGRKFYGPEGP YGVFAGRDASR
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:500-1:1000) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human kidney with PGRMC1 polyclonal antibody (Cat # PAB20135) shows strong cytoplasmic positivity in tubular cells at 1:500-1:1000 dilution.

- Western Blot (Cell lysate)

  Western blot analysis of cell lysates with PGRMC1 polyclonal antibody (Cat # PAB20135) at 1:250-1:500 dilution.
  Lane 1 : NIH/3T3
  Lane 2 : NBT-II

- Western Blot

  Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: A-431, Lane 4: Liver, Lane 5: Tonsil with PGRMC1 polyclonal antibody (Cat # PAB20135) at 1:250-1:500 dilution.

Gene Info — PGRMC1

Entrez GeneID	10857

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Protein Accession#	O00264
Gene Name	PGRMC1
Gene Alias	HPR6.6, MPR
Gene Description	progesterone receptor membrane component 1
Omim ID	300435
Gene Ontology	Hyperlink
Gene Summary	Progesterone binding protein is a putative steroid membrane receptor. The protein is expressed predominantly in the liver and kidney. [provided by RefSeq
Other Designations	OTTHUMP00000023897|progesterone binding protein

Publication Reference

- New Insights on the Progesterone (P4) and PGRMC1/NENF Complex Interactions in Colorectal Cancer Progression.

  Joanna Kami?ska, Olga Martyna Koper-Lenkiewicz, Donata Ponikwicka-Tyszko, Weronika Lebiedzi?ska, Ewelina Palak, Maria Sztachelska, Piotr Bernaczyk, Justyna Zi?czuk, Katarzyna Guzi?ska-Ustymowicz, Konrad Zareba, Slawomir Wolczynski, Nafis A Rahman, Violetta Dymicka-Piekarska

  Cancers (Basel) 2023 Oct; 15(20):0.

  Application: IHC-IF, ICC

- Mifepristone Treatment Promotes Testicular Leydig Cell Tumor Progression in Transgenic Mice.

  Donata Ponikwicka-Tyszko, Marcin Chrusciel, Kamila Pulawska, Piotr Bernaczyk, Maria Sztachelska, Peilan Guo, Xiangdong Li, Jorma Toppari, Ilpo T Huhtaniemi, Slawomir Wołczyński, Nafis A Rahman.

  Cancers 2020 Nov; 12(11):E3263.

  Application: ICC, IHC, Mouse, BLTK-1 cells, Mouse testicular tumor tissues

- Molecular mechanisms underlying mifepristone's agonistic action on ovarian cancer progression.

  Ponikwicka-Tyszko D, Chrusciel M, Stelmaszewska J, Bernaczyk P, Chrusciel P, Sztachelska M, Scheinin M, Bidzinski M, Szamatowicz J, Huhtaniemi IT, Wolczynski S, Rahman NA.

  EBioMedicine 2019 Sep; 47:170.

  Application: IF, IHC-P, Human Mouse , HG-hOEC cells, Ovarian tumor tissues

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- Progesterone receptor membrane component 1 as a potential prognostic biomarker for hepatocellular carcinoma.

  Tsai HW, Ho CL, Cheng SW, Lin YJ, Chen CC, Cheng PN, Yen CJ, Chang TT, Chiang PM, Chan SH, Ho CH, Chen SH, Wang YW, Chow NH, Lin JC.

  World Journal of Gastroenterology 2018 Mar; 24(10):1152.

  Application: IHC-Fr, IHC-P, WB-Tr, Human, Hep3B, HepG2, Huh7 cells, Human hepatocellular carcinoma, PLC/PRF/5 cells

Disease

- Connective Tissue Diseases
- Fetal Diseases
- Genetic Predisposition to Disease
- Infection
- Inflammation
- Musculoskeletal Diseases
- Pregnancy Complications
- Premature Birth
- Skin Diseases

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