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PGRMC2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP16497b

Specification

PGRMC2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession	O15173
Other Accession	http://www.uniprot.org/uniprot/O15173==O15173@@http://www.ncbi.nlm.nih.gov/protein/NP_006311.1==NP_0

PGRMC2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 10424

Other Names
Membrane-associated progesterone receptor component 2, Progesterone membrane-binding protein, Steroid receptor protein DG6, PGRMC2, DG6, PMBP

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PGRMC2 Antibody (C-term) Blocking Peptide - Protein Information

Name PGRMC2 (HGNC:16089)

Function
Required for the maintenance of uterine histoarchitecture and normal female reproductive lifespan (By similarity). May serve as a universal non-classical progesterone receptor in the uterus (Probable). Intracellular heme chaperone required for delivery of labile, or signaling heme, to the nucleus (By similarity). Plays a role in adipocyte function and systemic glucose homeostasis (PubMed:28111073). In brown fat, which has a high demand for heme, delivery of labile heme in the nucleus regulates the activity of heme-responsive transcriptional repressors such as NR1D1 and BACH1 (By similarity).

Cellular Location
Membrane; Single- pass membrane protein. Nucleus envelope. Endoplasmic reticulum. Secreted

Tissue Location
Expressed by endometrial glands and stroma (at protein level) (PubMed:23793472). Detected in

urine (at protein level) (PubMed:37453717).

PGRMC2 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

PGRMC2 Antibody (C-term) Blocking Peptide - Images

PGRMC2 Antibody (C-term) Blocking Peptide - Background

PGRMC2 is receptor for steroids (Potential).