

PGRMC2 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2514a

Specification

PGRMC2 Antibody (C-Term) - Product Information

Application	E
Primary Accession	O15173
Other Accession	NP_006311.2 , 10424
Predicted	Human, Mouse, Rat, Pig, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	23818

PGRMC2 Antibody (C-Term) - 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

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PGRMC2 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

PGRMC2 Antibody (C-Term) - 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) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PGRMC2 Antibody (C-Term) - Images**PGRMC2 Antibody (C-Term) - References**

Placental site trophoblastic tumor: human placental lactogen and pregnancy-associated major basic protein as immunohistologic markers. Rhoton-Vlasak A, Wagner JM, Rutgers JL, Baergen RN, Young RH, Roche PC, Plummer TB, Gleich GJ. Hum Pathol. 1998 Mar;29(3):280-8. PMID: 9496832