

PGRMC2 Polyclonal Antibody
Catalog # AP71876**Specification**

PGRMC2 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	O15173
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

PGRMC2 Polyclonal Antibody - Additional Information**Gene ID** 10424**Other Names**

PGRMC2; DG6; PMBP; Membrane-associated progesterone receptor component 2; Progesterone membrane-binding protein; Steroid receptor protein DG6

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

PGRMC2 Polyclonal Antibody - 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

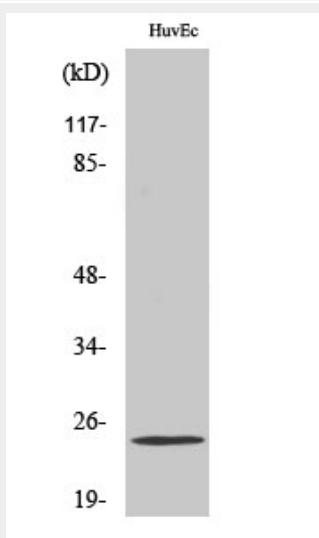
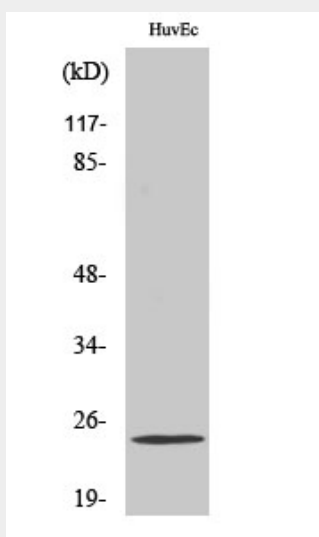
Expressed by endometrial glands and stroma (at protein level) (PubMed:23793472). Detected in urine (at protein level) (PubMed:37453717).

PGRMC2 Polyclonal Antibody - 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 Polyclonal Antibody - Images



PGRMC2 Polyclonal Antibody - Background

Receptor for steroids.