

PGRMC2 Polyclonal Antibody

Catalog # AP71876

Product Information

Application WB Primary Accession O15173

Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 23818

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

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

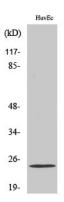
Tissue Location Expressed by endometrial glands and stroma (at protein level)

(PubMed:23793472). Detected in urine (at protein level) (PubMed:37453717).

Background

Receptor for steroids.

Images



Western Blot analysis of various cells using PGRMC2 Polyclonal Antibody diluted at 1: 1000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.