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mPRα Polyclonal Antibody

Catalog # AP71008

Product Information

Application	WB, IHC-P
Primary Accession	Q86WK9
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39719

Additional Information

Gene ID	164091
Other Names	PAQR7; MRPA; Membrane progestin receptor alpha; mPR alpha; Progestin and adipoQ receptor family member 7; Progestin and adipoQ receptor family member VII
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications. IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

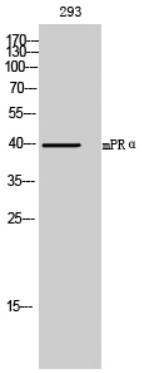
Protein Information

Name	PAQR7 (HGNC:23146)
Synonyms	MRPA
Function	Plasma membrane progesterone (P4) receptor coupled to G proteins (PubMed:23763432). Seems to act through a G(i) mediated pathway (PubMed:23763432). May be involved in oocyte maturation (PubMed:12601167). Involved in neurosteroid inhibition of apoptosis (PubMed:23161870). Also binds dehydroepiandrosterone (DHEA), pregnanolone, pregnenolone and allopregnanolone (PubMed:23161870).
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Expressed in a wide range of tissues including ovary, testis, placenta, uterus and bladder

Background

Plasma membrane progesterone (P4) receptor coupled to G proteins (PubMed: 23763432). Seems to act through a G(i) mediated pathway (PubMed:23763432). May be involved in oocyte maturation (PubMed:12601167). Involved in neurosteroid inhibition of apoptosis (PubMed:23161870). Also binds dehydroepiandrosterone (DHEA), pregnanolone, pregnenolone and allopregnanolone (PubMed:23161870).

Images



Western Blot analysis of 293 cells using mPRα Polyclonal Antibody

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