

# mPR $\alpha$ Polyclonal Antibody

Catalog # AP71008

## Product Information

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Application	WB, IHC-P
Primary Accession	<a href="#">Q86WK9</a>
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39719

## Additional Information

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Gene ID	164091
Other Names	PAQR7; MRPA; Membrane progesterin receptor alpha; mPR alpha; Progesterin and adipoQ receptor family member 7; Progesterin 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°C

## Protein Information

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

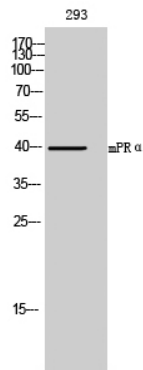
## Background

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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

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Western Blot analysis of 293 cells using mPR $\alpha$  Polyclonal Antibody

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