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PAQR7 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15523

Product Information

Application	WB
Primary Accession	Q86WK9
Other Accession	NM_178422, NP_848509
Reactivity	Human, Mouse, Rat, Guinea Pig, Horse
Predicted	Human, Mouse, Rat, Pig, Guinea Pig, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39719

Additional Information

Gene ID	164091
Alias Symbol	MPRA, PGLP, mSR
Other Names	Membrane progestin receptor alpha, mPR alpha, Progestin and adipoQ receptor family member 7, Progestin and adipoQ receptor family member VII, PAQR7, MRPA
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-PAQR7 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	PAQR7 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

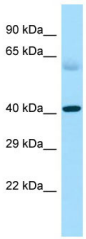
Name	PAQR7 (HGNC:23146)
Synonyms	MRPA
Function	Plasma membrane progesterone (P4) receptor coupled to G proteins (PubMed:23763432). Seems to act through a G(i) mediated pathway (PubMed:23763432). May be involved in oocyte maturation (PubMed:12601167). Involved in neurosteroid inhibition of apoptosis (PubMed:23161870). 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

References

Zhu Y.,et al.Proc. Natl. Acad. Sci. U.S.A. 100:2237-2242(2003).
Tang Y.T.,et al.J. Mol. Evol. 61:372-380(2005).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Hammes S.R.,et al.Proc. Natl. Acad. Sci. U.S.A. 100:2168-2170(2003).

Images



Host: Rabbit
Target Name: PAQR7
Sample Tissue: Fetal Heart lysates
Antibody Dilution: 1.0µg/ml

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