10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PAQR5 Rabbit pAb

PAQR5 Rabbit pAb
Catalog # AP57858

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9NXK6
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38014
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PAQR5
Epitope Specificity	251-330/330
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane; Multi-pass membrane protein.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	PAQR5 (Progestin and adipoQ receptor family member V) is a steroid membrane receptor which binds progesterone. It may be involved in oocyte maturation. It is an integral membrane protein and is expressed in kidney, colon, adrenal gland and lung. It belongs to the ADIPOR family.

Additional Information

Gene ID	54852
Other Names	Membrane progestin receptor gamma, mPR gamma, Membrane progesterone P4 receptor gamma, Membrane progesterone receptor gamma, Progesterone and adipoQ receptor family member 5, Progestin and adipoQ receptor family member 5, Progestin and adipoQ receptor family member V, PAQR5 (HGNC:29645), MPRG
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	PAQR5 (HGNC:29645)

Synonyms	MPRG
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).
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Expressed in the brain, lung, kidney, colon, adrenal and lung.

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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