

PAQR5 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57858

Specification

PAQR5 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q9NXX6
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38 KDa
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.
SIMILARITY	Belongs to the ADIPOR family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

PAQR5 (Progesterin 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.

PAQR5 Polyclonal Antibody - Additional Information

Gene ID 54852

Other Names

Membrane progesterin receptor gamma, mPR gamma, Membrane progesterone P4 receptor gamma, Membrane progesterone receptor gamma, Progesterone and adipoQ receptor family member 5, Progesterin and adipoQ receptor family member 5, Progesterin and adipoQ receptor family member V, PAQR5 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=29645), MPRG

Target/Specificity

Expressed in the brain, lung, kidney, colon, adrenal and lung.

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

PAQR5 Polyclonal Antibody - 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.

PAQR5 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PAQR5 Polyclonal Antibody - Images