

PAQR7 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16283B

Specification

PAQR7 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O86WK9
Other Accession	NP_848509.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	39719
Antigen Region	281-310

PAQR7 Antibody (C-term) - Additional Information

Gene ID 164091

Other Names

Membrane progesterin receptor alpha, mPR alpha, Progesterin and adipoQ receptor family member 7, Progesterin and adipoQ receptor family member VII, PAQR7, MRPA

Target/Specificity

This PAQR7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 281-310 amino acids from the C-terminal region of human PAQR7.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PAQR7 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PAQR7 Antibody (C-term) - 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

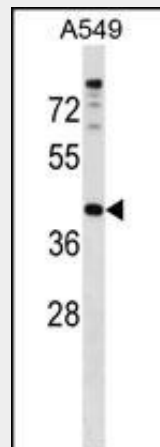
Expressed in a wide range of tissues including ovary, testis, placenta, uterus and bladder

PAQR7 Antibody (C-term) - 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](#)

PAQR7 Antibody (C-term) - Images



PAQR7 Antibody (C-term) (Cat. #AP16283b) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the PAQR7 antibody detected the PAQR7 protein (arrow).

PAQR7 Antibody (C-term) - Background

PAQR7 is a steroid membrane receptor. Binds progesterone in vitro. It may be involved in oocyte maturation.

PAQR7 Antibody (C-term) - References

Thomas, P., et al. Steroids 74(7):614-621(2009)
Smith, J.L., et al. Steroids 73(11):1160-1173(2008)
Lamesch, P., et al. Genomics 89(3):307-315(2007)

Thomas, P., et al. *Endocrinology* 148(2):705-718(2007)
Tang, Y.T., et al. *J. Mol. Evol.* 61(3):372-380(2005)