

PAQR8 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14849b

Specification

PAQR8 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q8TEZ7
Other Accession	NP_588608.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	40464
Antigen Region	326-354

PAQR8 Antibody (C-term) - Additional Information

Gene ID 85315

Other Names

Membrane progesterin receptor beta, mPR beta, Lysosomal membrane protein in brain 1, Progesterin and adipoQ receptor family member 8, Progesterin and adipoQ receptor family member VIII, PAQR8, C6orf33, LMPB1, MPRB

Target/Specificity

This PAQR8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 326-354 amino acids from the C-terminal region of human PAQR8.

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

PAQR8 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PAQR8 Antibody (C-term) - Protein Information

Name PAQR8 ([HGNC:15708](#))

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 (By similarity). Also binds dehydroepiandrosterone (DHEA), pregnanolone, pregnenolone and allopregnanolone (PubMed:[23161870](#)).

Cellular Location

Cell membrane; Multi-pass membrane protein. Note=Colocalizes with a lysosomal protein CTSD/cathepsin D.

Tissue Location

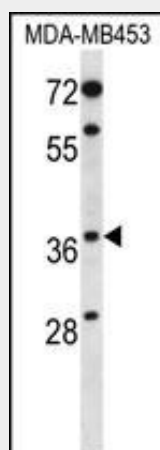
Highly expressed in the hypothalamus (PubMed:23161870). Also expressed in spinal cord, kidney and testis

PAQR8 Antibody (C-term) - Protocols

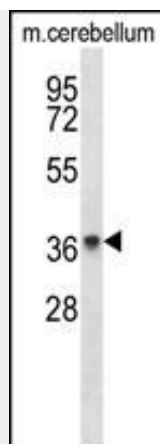
Provided below are standard protocols that you may find useful for product applications.

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

PAQR8 Antibody (C-term) - Images



PAQR8 Antibody (C-term) (Cat. #AP14849b) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the PAQR8 antibody detected the PAQR8 protein (arrow).



PAQR8 Antibody (C-term) (Cat. #AP14849b) western blot analysis in mouse cerebellum tissue lysates (35ug/lane). This demonstrates the PAQR8 antibody detected the PAQR8 protein (arrow).

PAQR8 Antibody (C-term) - Background

PAQR8 is steroid membrane receptor. Binds progesterone. May be involved in oocyte maturation (By similarity).

PAQR8 Antibody (C-term) - References

- Smith, J.L., et al. Steroids 73(11):1160-1173(2008)
- Lamesch, P., et al. Genomics 89(3):307-315(2007)
- Tang, Y.T., et al. J. Mol. Evol. 61(3):372-380(2005)
- Mungall, A.J., et al. Nature 425(6960):805-811(2003)
- Hammes, S.R. Proc. Natl. Acad. Sci. U.S.A. 100(5):2168-2170(2003)