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PAQR8 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14849b

Product Information

Application	WB, E
Primary Accession	Q8TEZ7
Other Accession	NP_588608.1
Reactivity	Human, Mouse
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB34926
Calculated MW	40464
Antigen Region	326-354

Additional Information

Gene ID	85315
Other Names	Membrane progestin receptor beta, mPR beta, Lysosomal membrane protein in brain 1, Progestin and adipoQ receptor family member 8, Progestin 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 E~~Use at an assay dependent concentration.
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.

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

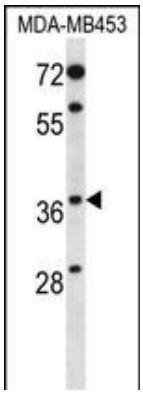
Background

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

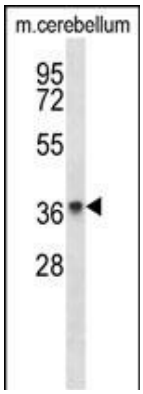
References

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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).

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