OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for CF809867

PRRT2 Mouse Monoclonal Antibody [Clone ID: OTI9H8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI9H8
Applications:	IHC, WB
Recommended Dilution:	WB 1:500, IHC 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 152-268 of human PRRT2(NP_660282) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	proline rich transmembrane protein 2
Database Link:	NP_660282 Entrez Gene 112476 Human Q7Z6L0

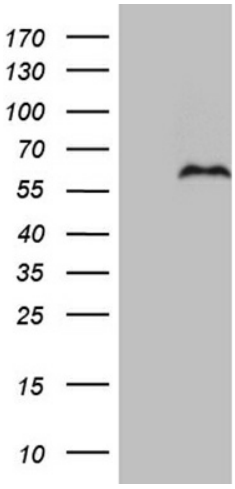
View online »

Background: This gene encodes a transmembrane protein containing a proline-rich domain in its N-terminal half. Studies in mice suggest that it is predominantly expressed in brain and spinal cord in embryonic and postnatal stages. Mutations in this gene are associated with episodic kinesigenic dyskinesia-1. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]

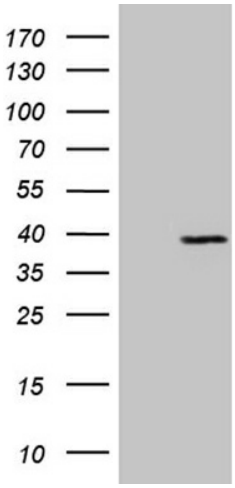
Synonyms: BFIC2; BFIS2; DSPB3; DYT10; EKD1; FICCA; ICCA; IFITMD1; PKC

Protein Families: Transmembrane

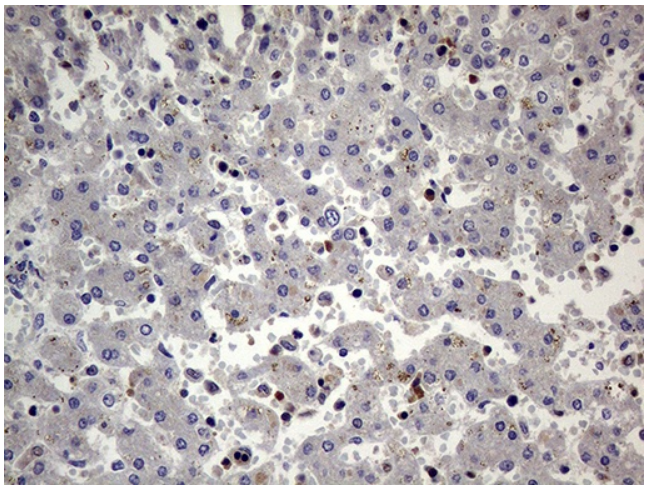
Product images:



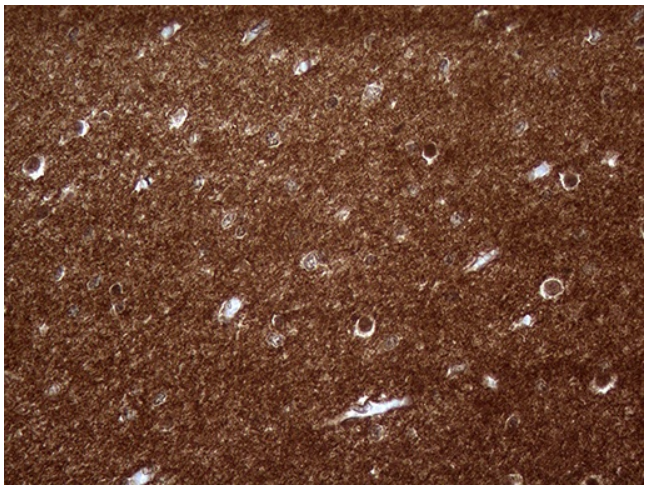
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY PRRT2 (Cat# [RC202304], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PRRT2 (Cat# [TA809867])(1:500).



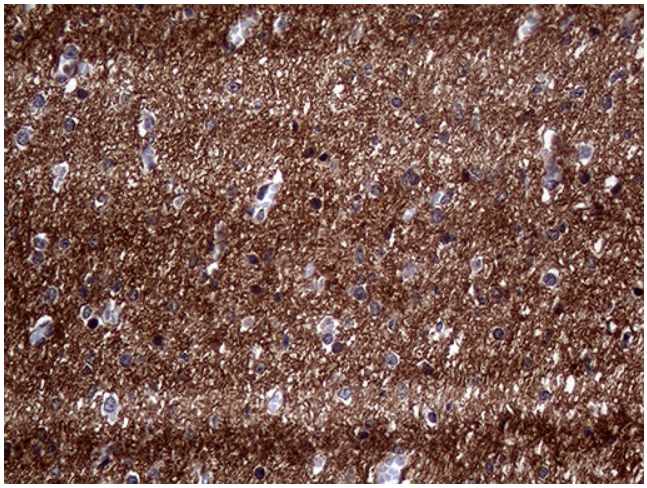
Western blot analysis of extracts (35ug) from mouse brain tissue lysate by using anti-PRRT2 monoclonal antibody (1:500).



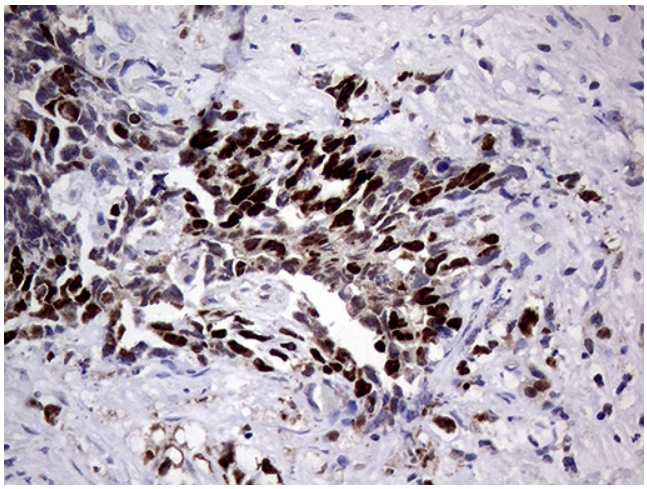
Immunohistochemical staining of paraffin-embedded Human embryonic liver tissue within the normal limits using anti-PRRT2 mouse monoclonal antibody.This figure shows negative staining. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809867]) (1:150) (1:2000)



Immunohistochemical staining of paraffin-embedded Human embryonic cerebellum within the normal limits using anti-PRRT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809867]) (1:2000)



Immunohistochemical staining of paraffin-embedded Human testicular cancer tissue using anti-PRRT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809867]) (1:2000)



Immunohistochemical staining of paraffin-embedded Human placenta tissue within the normal limits using anti-PRRT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809867]) (1:2000)