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## anti-PRRT2 antibody (AA 180-230)



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Quantity:	0.1 mg	
Target:	PRRT2	
Binding Specificity:	AA 180-230	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PRRT2 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)	
Product Details		
Immunogen:	PRRT2 antibody was raised against a 18 amino acid peptide near the center of human PRRT2. The immunogen is located within amino acids 180 - 230 of PRRT2.	
Isotype:	IgG	
Specificity:	Multiple isoforms of PRRT2 are known to exist.	
Purification:	PRRT2 Antibody is affinity chromatography purified via peptide column.	
Target Details		
Target:	PRRT2	
Alternative Name:	PRRT2 (PRRT2 Products)	

## Target Details

Background:	PRRT2 Antibody: The proline-rich transmembrane protein 2 (PRRT2) contains a proline-rich domain in its N-terminal half and is predominantly expressed in brain and spinal cord in embryonic and postnatal stages. While little is known of the function of this protein, mutations in PRRT2 have been shown to be the causative gene of paroxysmal kinesigenic dyskinesia, which is characterized by recurrent, brief attacks of abnormal involuntary movements induced by sudden voluntary movements. Recent studies have shown that PRRT2 may also be involved in some forms of benign familial infantile epilepsy (BFIE), an autosomal dominant epilepsy	
	syndrome.	
Molecular Weight:	Predicted: 43 kDa	
	Observed: 44 kDa	
Gene ID:	112476	
NCBI Accession:	NP_001243371	
UniProt:	Q7Z6L0	
Application Details		
Application Notes:	PRRT2 Antibody can be used for detection of PRRT2 by Western blot at 1 $\mu$ ,g/mL.	
	Antibody validated: Western Blot in mouse samples, Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	PRRT2 Antibody is supplied in PBS containing 0.02 % sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,4 °C	
Storage Comment:	PRRT2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.	