BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-PRRT2 Antibody

Catalog Number: A02707

About PRRT2

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.

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Overview

Product Name	Anti-PRRT2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PRRT2 Antibody (Catalog # A02707). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	PRRT2 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	PRRT2 antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q7Z6L0

Technical Details

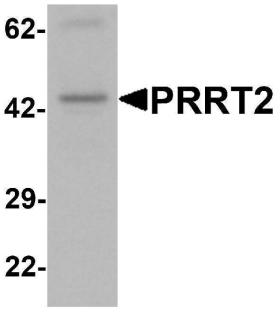
Immunogen	PRRT2 antibody was raised against a 18 amino acid peptide near the center of human PRRT2 . The immunogen is located within amino acids 180 - 230 of PRRT2.
Predicted Reactive Species	Mouse
Cross Reactivity	Multiple isoforms of PRRT2 are known to exist.

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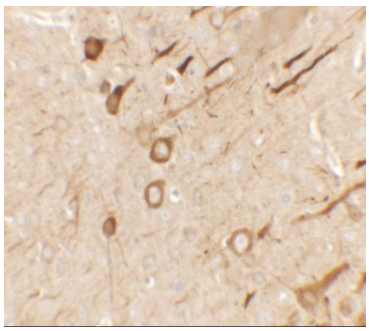
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	PRRT2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	PRRT2 Antibody can be used for detection of PRRT2 by Western blot at 1 ug/mL. Antibody validated: Western Blot in mouse samples; Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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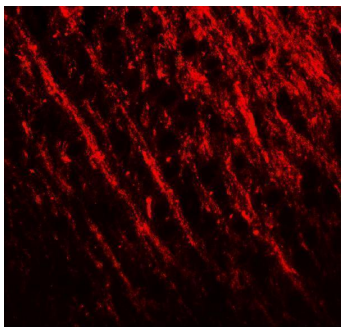
Anti-PRRT2 Antibody (A02707) Images



Western blot analysis of PRRT2 in mouse brain tissue lysate with PRRT2 antibody at 1 ug/mL.



Immunohistochemistry of PRRT2 in rat brain tissue with PRRT2 antibody at 2.5 ug/ml.



Immunofluorescence of PRRT2 in rat brain tissue with PRRT2 antibody at 20 ug/ml.

Anti-PRRT2 Antibody

For Research Use Only. Not for use in diagnostic procedures.