

PRRT2 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS16755**Specification**

PRRT2 Antibody (Internal) - Product Information

Application	IHC, IF, WB
Primary Accession	Q7Z6L0
Other Accession	112476
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	34945

PRRT2 Antibody (Internal) - Additional Information**Gene ID** 112476**Other Names**
PRRT2**Target/Specificity**
Multiple isoforms of PRRT2 are known to exist.**Reconstitution & Storage**
PBS, 0.02% sodium azide. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.**Precautions**
PRRT2 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.**PRRT2 Antibody (Internal) - Protein Information****Name** PRRT2**Function**
As a component of the outer core of AMPAR complex, may be involved in synaptic transmission in the central nervous system. In hippocampal neurons, in presynaptic terminals, plays an important role in the final steps of neurotransmitter release, possibly by regulating Ca(2+)-sensing. In the cerebellum, may inhibit SNARE complex formation and down-regulate short-term facilitation.**Cellular Location**
Cell membrane; Single-pass membrane protein {ECO:0000250|UniProtKB:E9PUL5}. Presynaptic cell membrane {ECO:0000250|UniProtKB:E9PUL5}; Single-pass membrane protein {ECO:0000250|UniProtKB:E9PUL5}. Synapse {ECO:0000250|UniProtKB:E9PUL5} Cell projection, axon. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane {ECO:0000250|UniProtKB:D3ZFB6}. Postsynaptic density membrane

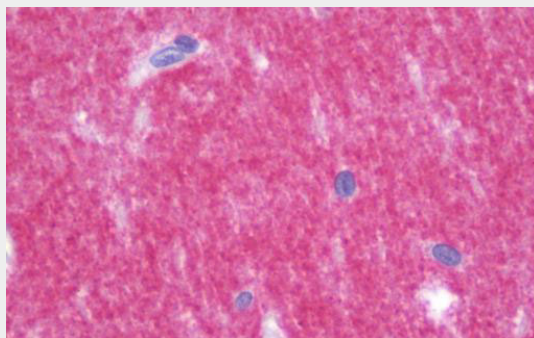
{ECO:0000250|UniProtKB:D3ZFB6}. Cell projection, dendritic spine
{ECO:0000250|UniProtKB:D3ZFB6}

PRRT2 Antibody (Internal) - Protocols

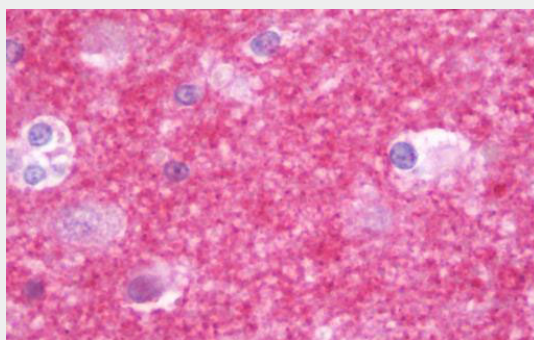
Provided below are standard protocols that you may find useful for product applications.

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

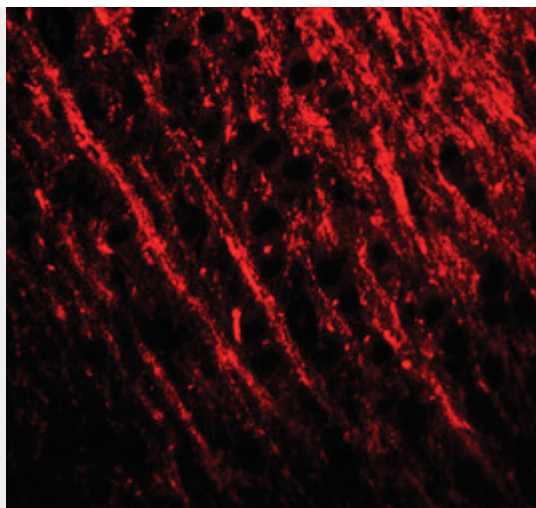
PRRT2 Antibody (Internal) - Images



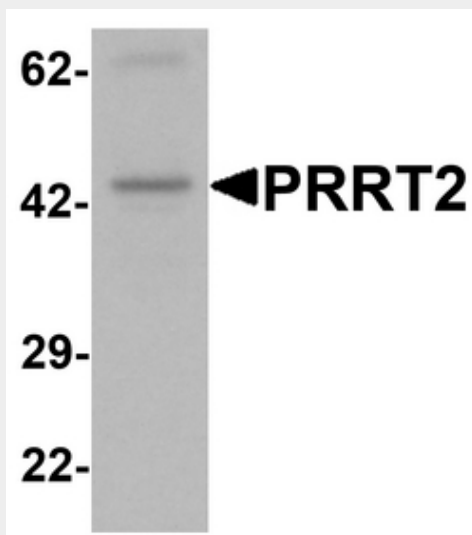
Anti-PRRT2 antibody IHC staining of human brain, cerebellum.



Anti-PRRT2 antibody IHC staining of human brain, cortex.



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



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

PRRT2 Antibody (Internal) - References

- Ota T.,et al.Nat. Genet. 36:40-45(2004).
Otsuki T.,et al.DNA Res. 12:117-126(2005).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Chen W.J.,et al.Nat. Genet. 43:1252-1255(2011).