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

Anti-Proline-rich protein 5-like PRR5L Antibody

Catalog Number: A10603

About PRR5L

Proline-rich protein 5-like (PRR5L), also known as Protor-2, is structurally similar to PRR5 and also binds to the mTOR complex 2 (mTORC2). PRR5L is not required for mTORC2 integrity or kinase activity, but dissociates from mTORC2 upon knockdown of tuberous sclerosis complex 1 (TSC1) and TSC2. Knockdown of PRR5L reduced apoptosis in mTORC2 deficient cells as well as cells where mTOR was active, suggesting that mTORC2-dissociated PRR5L may promote apoptosis, and thus play a role in the balance between cell growth and cell death.

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Overview

Product Name	Anti-Proline-rich protein 5-like PRR5L Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Proline-rich protein 5-like PRR5L Antibody (Catalog # A10603). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	PRR5L Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	PRR5L antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q6MZQ0

Technical Details

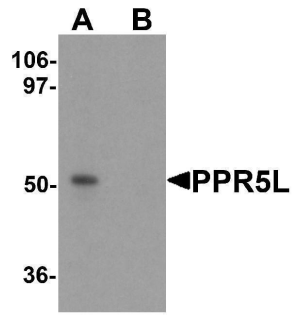
Immunogen	PRR5L antibody was raised against a 17 amino acid synthetic peptide near the center of human PRR5L. The immunogen is located within amino acids 220 - 270 of PRR5L.
Predicted Reactive Species	Bovine, Rat
Cross Reactivity	At least three isoforms of PRR5L are known to exist; this antibody will recognize only isoforms a and b. PRR5L antibody will not cross-react with PPR5.

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Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	PRR5L Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	PRR5L antibody can be used for detection of PRR5L by Western blot at 1 ug/mL. Antibody can also be used for immunocytochemistry starting at 10 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in mouse samples; Immunocytochemistry in human samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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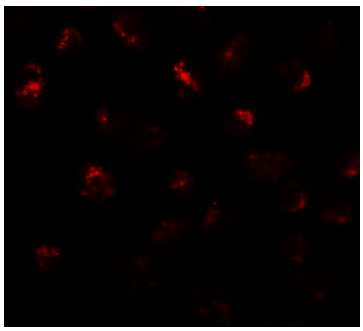
Anti-Proline-rich protein 5-like PRR5L Antibody (A10603) Images



Western blot analysis of PRR5L in 3T3 cell lysate with PRR5L antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide



Immunocytochemistry of PPR5L in 293 cells with PPR5L antibody at 10 ug/mL.



Immunofluorescence of PPR5L in3T3 cells with PPR5L antibody at 20 ug/mL.

Anti-Proline-rich protein 5-like PRR5L Antibody

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