

Datasheet for ABIN6991524
anti-PRR5L antibody (AA 220-270)



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Overview

Quantity:	0.1 mg
Target:	PRR5L
Binding Specificity:	AA 220-270
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRR5L antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product 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.
Isotype:	IgG
Specificity:	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.
Purification:	PRR5L Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	PRR5L
Alternative Name:	PRR5L (PRR5L Products)

Target Details

Background: PRR5L Antibody: 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.

Gene ID: 79899

NCBI Accession: [NP_001153639](#)

UniProt: [Q6MZQ0](#)

Application Details

Application Notes: PRR5L antibody can be used for detection of PRR5L by Western blot at 1 µg/mL. Antibody can also be used for immunocytochemistry starting at 10 µg/mL. For immunofluorescence start at 20 µg/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.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PRR5L 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: PRR5L antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.