

Rabbit anti-Human PRRC1 Polyclonal Antibody | anti-PRRC1 antibody

Anti-PRRC1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259017	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PRRC1; Polyclonal Antibody; Anti-PRRC1 Antibody; Rabbit Polyclonal; proline rich coiled-coil 1; anti-PRRC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PRRC1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-PRRC1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E coli-derived Human PRRC1 fragment
Preparation	Produced in rabbits immunized with E coli-derived Human PRRC1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

PRRC1 was immunoprecipitated using: Lane A: 0.5 mg NIH-3T3 Whole Cell Lysate 4 uL anti-PRRC1 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-PRRC1 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 55 kDa. Observed band size: 55 kDa.



IHC (Immunohistochemistry)

Immunochemical staining of human PRRC1 in human liver with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-PRRC1 rabbit polyclonal antibody at 1:500 dilution Lane A: RT-4 Whole Cell Lysate Lane B: U-251MG Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 47 kDa Observed band size: 55 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PRRC1 antibody	PRRC1 (Proline-Rich Coiled-Coil 1) is a Protein Coding gene. The PRRC1 gene, located on 5q23.2, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, and frog. The PRCC1 gene has two distinct regions: a proline-rich region on the N-terminus, and the DUF84 region on the C-terminus. PRCC1 is the commonly identified protein name of CAD38605. It encodes for 445 amino acids for a predicted total of 6 exons. The predicted molecular weight is 46.7 kDa, and the isoelectric point is 5.46. Orthologs have been determined in most eukaryotes, the most highly conserved being found in most mammalian species. PRRC1 is widely expressed in the thyroid, endometrium, and other tissues. Diseases associated with PRRC1 include Dystonia 23.
References	St-Denis N, et al. (2015) Myotubularin-related proteins 3 and 4 interact with polo-like kinase 1 and centrosomal protein of 55 kda to ensure proper abscission. Mol Cell Proteomics 14 (4): 946-960. Kamakari S, et al. (2005) Structural analysis and expression profile of a novel gene on chromosome 5q23 encoding a golgi-associated protein with six splice variants, and involved within the 5q deletion of a ph(-) cml patient. Leuk Res 29 (1): 17-31. Chiang DY, et al. (2018) Rearrangement of the protein phosphatase 1 interactome during heart failure progression. Circulation 138 (15): 1569-1581.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/prrc1-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/259017>