Datasheet for ABIN7600002

anti-PRRC1 antibody (AA 139-411)

Go to Product page

Overview

Quantity:	100 µg
Target:	PRRC1
Binding Specificity:	AA 139-411
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-PRRC1 Antibody Picoband®
Immunogen:	E.coli-derived human PRRC1 recombinant protein (Position: Y139-D411).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-PRRC1 Antibody Picoband® (ABIN7600002). Tested in ELISA, IF, ICC, WB, Flow Cytometry applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	PRRC1
Alternative Name:	PRRC1 (PRRC1 Products)
Background:	Synonyms: Transmembrane protein 240,TMEM240,C1orf70, Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon. Background: 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.
Molecular Weight:	47 kDa
Gene ID:	133619
UniProt:	Q96M27

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Kamakari, S. , Roussou, A. , Jefferson, A. , Ragoussis, I. , & Anagnou, N. P. . (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. Leukemia Research, 29(1), 17-31. 2. WW Domains Provide a Platform for the Assembly of Multiprotein Networks.[J]. Molecular & Cellular Biology, 2005. 3. St-Denis, N. , Gupta, G. D. , Lin, Z. Y. , Gonzalez-Badillo, B. , Pelletier, L. , & Gingras, A. C. . (2015). Myotubularin-related proteins 3 and 4 interact with polo-like kinase 1 and centrosomal protein of 55 kda to ensure proper abscission. Molecular & Cellular Proteomics.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.