Datasheet for ABIN7603082

anti-PRR9 antibody (Middle Region)

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Overview

Quantity:	100 µg
Target:	PRR9
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRR9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Anti-PRR9 Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence in the middle region of human PRR9, which shares 82.6% amino acid (aa) sequence identity with mouse PRR9.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-PRR9 Antibody Picoband® (ABIN7603082). Tested in WB applications. This antibody reacts with Human, Mouse. 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:	PRR9
Alternative Name:	PRR9 (PRR9 Products)
Background:	Synonyms: Interactor of HORMAD1 protein 1, Cancer/testis antigen 74, CT74, Coiled-coil domain-containing protein 36, CCDC36, IHO1 Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon. Background: Proline rich 9 is a protein that in humans is encoded by the PRR9 gene. PRR9 is pseudo-response regulator. It involved in clock function. PRR7 and PRR9 are partially redundant essential components of a temperature-sensitive circadian system.
Molecular Weight:	13 kDa
Gene ID:	574414
UniProt:	Q5T870

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse 1. Gaudet P, Livstone MS, Lewis SE, Thomas PD. Phylogenetic-based propagation of functional annotations within the Gene Ontology consortium. Brief Bioinform. 2011 Sep,12(5):449-62. doi: 10.1093/bib/bbr042. Epub 2011 Aug 27. PMID: 21873635, PMCID: PMC3178059. 2. Skarnes WC, Rosen B, West AP, Koutsourakis M, Bushell W, Iyer V, Mujica AO, Thomas M, Harrow J, Cox T, Jackson D, Severin J, Biggs P, Fu J, Nefedov M, de Jong PJ, Stewart AF, Bradley A. A conditional knockout resource for the genome-wide study of mouse gene function. Nature. 2011 Jun 15,474(7351):337-42. doi: 10.1038/nature10163. PMID: 21677750, PMCID: PMC3572410.
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

Handling

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.