

Datasheet for ABIN7599812
anti-RNF212 antibody (AA 12-271)



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Overview

Quantity:	100 µg
Target:	RNF212
Binding Specificity:	AA 12-271
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNF212 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-RNF212 Antibody Picoband®
Immunogen:	E.coli-derived human RNF212 recombinant protein (Position: Q12-E271).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	<p>Anti-R Antibody Picoband® (ABIN7599812). Tested in ELISA, Flow Cytometry, WB applications.</p> <p>This antibody reacts with Human, Mouse, Rat. 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.</p>
Purification:	Immunogen affinity purified.

Target Details

Target:	RNF212
Alternative Name:	RNF212 (RNF212 Products)
Background:	<p>Synonyms: Protein eva-1 homolog A, Protein FAM176A, Transmembrane protein 166, EVA1A, FAM176A, TMEM166, SP24</p> <p>Tissue Specificity: Expressed in lung, kidney, liver, pancreas, placenta, but not in heart and skeletal muscle.</p> <p>Background: This gene encodes a RING finger protein that may function as a ubiquitin ligase. The encoded protein may be involved in meiotic recombination. This gene is located within a linkage disequilibrium block and polymorphisms in this gene may influence recombination rates. Alternate splicing results in multiple transcript variants.</p>
Molecular Weight:	22 kDa
Gene ID:	285498
UniProt:	Q495C1

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat</p> <p>Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Ahuja, J. S., Sandhu, R., Mainpal, R., Lawson, C., Henley, H., Hunt, P. A., Yanowitz, J. L., Borner, G. V. Control of meiotic pairing and recombination by chromosomally tethered 26S proteasome. <i>Science</i> 355: 408-411, 2017. 2. Jantsch, V., Pasierbek, P., Mueller, M. M., Schweizer, D., Jantsch, M., Loidl, J. Targeted gene knockout reveals a role in meiotic recombination for ZHP-3, a Zip3-related protein in <i>Caenorhabditis elegans</i>. <i>Molec. Cell. Biol.</i> 24: 7998-8006, 2004. 3. Kong, A., Thorleifsson, G., Stefansson, H., Masson, G., Helgason, A., Gudbjartsson, D. F., Jonsdottir, G. M., Gudjonsson, S. A., Sverrisson, S., Thorlacius, T., Jonasdottir, A., Hardarson, G. A., Palsson, S. T., Frigge, M. L., Gulcher, J. R., Thorsteinsdottir, U., Stefansson, K. Sequence variants in the RNF212 gene associate with genome-wide recombination rate. <i>Science</i> 319: 1398-1401, 2008.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
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Handling

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 Na ₂ HPO ₄ .
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.