

Datasheet for ABIN7600106  
**anti-RBFA antibody (AA 15-319)**



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## Overview

Quantity:	100 µg
Target:	RBFA
Binding Specificity:	AA 15-319
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RBFA antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF), Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-C18orf22/RBFA Antibody Picoband®
Immunogen:	E.coli-derived human C18orf22/RBFA recombinant protein (Position: L15-D319).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-C18orf22/RBFA Antibody Picoband® (ABIN7600106). Tested in ELISA, Flow Cytometry, IF, IHC, ICC, WB 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:	RBFA
Alternative Name:	RBFA ( <a href="#">RBFA Products</a> )
Background:	<p>Synonyms: RNA-binding protein 47,RNA-binding motif protein 47,RBM47,</p> <p>Tissue Specificity: Abundantly expressed in tonsil, lymph node, and trachea, strong expression in prostate, lower expression in thyroid, stomach, and colon. .</p> <p>Background: Predicted to be involved in rRNA processing. Predicted to be located in mitochondrion.</p>
Molecular Weight:	40 kDa
Gene ID:	79863
UniProt:	<a href="#">Q8N0V3</a>

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1×10<sup>6</sup> cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Kuwasako, K. , Suzuki, S. , Nameki, N. , Takizawa, M. , Takahashi, M. , &amp; Tsuda, K. , et al. (2022). 1h, 13c, and 15n resonance assignments and solution structures of the kh domain of human ribosome binding factor a, mtrbfa, involved in mitochondrial ribosome biogenesis. Biomolecular NMR Assignments, 1-7. 2. Rozanska, A. , Richter-Dennerlein, R. , Rorbach, J. , Gao, F. , &amp; Lightowlers, R. N. . (2017). The human rna-binding protein rbfa promotes the maturation of the mitochondrial ribosome. Biochemical Journal, 474(13), 2145-2158. 3. Hauri, S. , Wepf, A. , Drogen, A. V. , Varjosalo, M. , &amp; Gstaiger, M. . (2013). Interaction proteome of human hippo signaling: modular control of the co-activator yap1. Molecular Systems Biology, 9(1), 713.</p>
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.

## Handling

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Storage: 4 °C, -20 °C

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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.