

Datasheet for ABIN7600459  
**anti-RRP8 antibody (AA 199-456)**



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## Overview

Quantity:	100 µg
Target:	RRP8
Binding Specificity:	AA 199-456
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RRP8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-RRP8 Antibody Picoband®
Immunogen:	E.coli-derived human RRP8 recombinant protein (Position: K199-R456).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-RRP8 Antibody Picoband® (ABIN7600459). Tested in ELISA, Flow Cytometry, IF, ICC, WB applications. 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.
Purification:	Immunogen affinity purified.

## Target Details

Target:	RRP8
Alternative Name:	RRP8 ( <a href="#">RRP8 Products</a> )
Background:	<p>Synonyms: Interleukin-36 alpha, FIL1 epsilon, Interleukin-1 epsilon, IL-1 epsilon, Interleukin-1 family member 6, IL-1F6, IL36A, FIL1E, IL1E, IL1F6</p> <p>Tissue Specificity: Expressed in immune system and fetal brain, but not in other tissues tested or in multiple hematopoietic cell lines. Predominantly expressed in skin keratinocytes but not in fibroblasts, endothelial cells or melanocytes. Increased in lesional psoriasis skin.</p> <p>Background: Ribosomal RNA-processing protein 8 is a protein that in humans is encoded by the RRP8 gene. Enables methylated histone binding activity. Involved in several processes, including cellular response to glucose starvation, intrinsic apoptotic signaling pathway by p53 class mediator, and regulation of gene expression. Located in several cellular components, including cytosol, nuclear lumen, and rDNA heterochromatin. Part of chromatin silencing complex.</p>
Molecular Weight:	65 kDa
Gene ID:	23378
UniProt:	<a href="#">O43159</a>

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10<sup>6</sup> cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Hartz, P. A. Personal Communication. Baltimore, Md. 5/29/2014. 2. Ishikawa, K., Nagase, T., Nakajima, D., Seki, N., Ohira, M., Miyajima, N., Tanaka, A., Kotani, H., Nomura, N., Ohara, O. Prediction of the coding sequences of unidentified human genes. VIII. 78 new cDNA clones from brain which code for large proteins in vitro. DNA Res. 4: 307-313, 1997. 3. Murayama, A., Ohmori, K., Fujimura, A., Minami, H., Yasuzawa-Tanaka, K., Kuroda, T., Oie, S., Daitoku, H., Okuwaki, M., Nagata, K., Fukamizu, A., Kimura, K., Shimizu, T., Yanagisawa, J. Epigenetic control of rDNA loci in response to intracellular energy status. Cell 133: 627-639, 2008.</p>
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
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## Handling

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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 <sub>2</sub> HPO <sub>4</sub> .
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.