

Datasheet for ABIN7599178  
**anti-RAB34 antibody (AA 1-259)**



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## Overview

Quantity:	100 µg
Target:	RAB34
Binding Specificity:	AA 1-259
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAB34 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-RAB34 Antibody Picoband®
Immunogen:	E.coli-derived human RAB34 recombinant protein (Position: M1-P259).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-RAB34 Antibody Picoband® (ABIN7599178). Tested in ELISA, Flow Cytometry, 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:	RAB34
Alternative Name:	RAB34 ( <a href="#">RAB34 Products</a> )
Background:	<p>Synonyms: Interleukin-17B, IL-17B, Cytokine CX1, Cytokine-like protein ZCYTO7, Neuronal interleukin-17-related factor, IL17b, Nirf, Zcyto7</p> <p>Tissue Specificity: Expressed in adult pancreas, small intestine, stomach, spinal cord and testis. Less pronounced expression in prostate, colon mucosal lining, and ovary.</p> <p>Background: Ras-related protein Rab-34 is a protein that in humans is encoded by the RAB34 gene. This gene encodes a protein belonging to the RAB family of proteins, which are small GTPases involved in protein transport. This family member is a Golgi-bound member of the secretory pathway that is involved in the repositioning of lysosomes and the activation of macropinocytosis. Alternative splicing of this gene results in multiple transcript variants. An alternatively spliced transcript variant produces the nine-amino acid residue-repeats (NARR) protein, which is a functionally distinct nucleolar protein resulting from a different reading frame.</p>
Molecular Weight:	29 kDa
Gene ID:	83871

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat</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. Chen, T., Han, Y., Yang, M., Zhang, W., Li, N., Wan, T., Guo, J., Cao, X. Rab39, a novel Golgi-associated Rab GTPase from human dendritic cells involved in cellular endocytosis. Biochem. Biophys. Res. Commun. 303: 1114-1120, 2003. 2. Speight, P., Silverman, M. Diacylglycerol-activated Hmunc13 serves as an effector of the GTPase Rab34. Traffic 6: 858-865, 2005. 3. Sun, P., Yamamoto, H., Suetsugu, S., Miki, H., Takenawa, T., Endo, T. Small GTPase Rah/Rab34 is associated with membrane ruffles and macropinosomes and promotes macropinosome formation. J. Biol. Chem. 278: 4063-4071, 2003.</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.

## Handling

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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.