

Datasheet for ABIN7600010
anti-RAB43 antibody (AA 14-206)



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Overview

Quantity:	100 µg
Target:	RAB43
Binding Specificity:	AA 14-206
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAB43 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-RAB43 Antibody Picoband®
Immunogen:	E.coli-derived human RAB43 recombinant protein (Position: Q14-E206).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-RAB43 Antibody Picoband® (ABIN7600010). Tested in ELISA, Flow Cytometry, IF, 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:	RAB43
Alternative Name:	RAB43 (RAB43 Products)
Background:	<p>Synonyms: B-cell differentiation antigen CD72, Lyb-2, CD72, CD72</p> <p>Tissue Specificity: Pre-B-cells and B-cells but not terminally differentiated plasma cells.</p> <p>Background: Ras-related GTP-binding protein 43 (RAB43) is a member of the Ras superfamily. RAB43 is mainly located in endoplasmic reticulum and Golgi, and plays a role as a key regulator of vesicle movement, signal transduction and tethering membrane events in membrane trafficking.</p>
Molecular Weight:	23 kDa
Gene ID:	339122

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Jiang, Y. , Sun, Y. , Hu, J. , Yu, N. , & Xu, H. . (2019). A germline mutation in rab43 gene identified from a cancer family predisposes to a hereditary liver-colon cancer syndrome. BMC Cancer, 19(1). 2. Chunman Li, Zhe Wei, Yi Fan, Wei Huang, Yunchao Su, & Honglin Li, et al. (2017). The gtpase rab43 controls the anterograde er-golgi trafficking and sorting of gpcrs. Cell Reports. 3. Ming-Zhi, Han, Bin, Huang, An-Jing, & Chen, et al. (2017). High expression of rab43 predicts poor prognosis and is associated with epithelial-mesenchymal transition in gliomas. Oncology reports.</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 Na ₂ HPO ₄ .
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.