

Datasheet for ABIN7601832
anti-PAS1C1 antibody (AA 48-349)



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Overview

Quantity:	100 µg
Target:	PAS1C1 (IFLTD1)
Binding Specificity:	AA 48-349
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAS1C1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-LMNTD1 Antibody Picoband®
Immunogen:	E.coli-derived human LMNTD1 recombinant protein (Position: Y48-E349). Human LMNTD1 shares 59.4% amino acid (aa) sequence identity with mouse LMNTD1.
Characteristics:	Anti-LMNTD1 Antibody Picoband® (ABIN7601832). Tested in WB, Flow Cytometry, ELISA applications. This antibody reacts with Human, 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:	PAS1C1 (IFLTD1)
Alternative Name:	LMNTD1 (IFLTD1 Products)
Background:	The intermediate filament tail domain-containing protein (IFLTD1) was initially identified as a candidate gene for pulmonary adenoma susceptibility 1 gene in mice. Transcripts of the gene were only detected in mouse lung tissue from strains carrying the Pas1-susceptible allele. Expression of different alleles of this gene in lung cancer cell lines resulted in different levels of colony formation in in vitro colony formation assays, suggesting that allelic variants of this gene can modulate growth of human cancer cells.
Molecular Weight:	43 kDa
Gene ID:	160492
UniProt:	Q8N9Z9

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Rat Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Hartz, P. A. Personal Communication. Baltimore, Md. 12/14/2016. 2. Wang, M., Futamura, M., Wang, Y., You, M. Pas1c1 is a candidate for the mouse pulmonary adenoma susceptibility 1 locus. Oncogene 24: 1958-1963, 2005.
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
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.