

Datasheet for ABIN7600965
anti-BPIFB1 antibody (AA 26-477)



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Overview

Quantity:	100 µg
Target:	BPIFB1
Binding Specificity:	AA 26-477
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BPIFB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-BPIFB1 Antibody Picoband®
Immunogen:	E.coli-derived human BPIFB1 recombinant protein (Position: T26-K477). Human BPIFB1 shares 58.9% and 57.4% amino acid (aa) sequence identity with mouse and rat BPIFB1, respectively.
Characteristics:	Anti-BPIFB1 Antibody Picoband® (ABIN7600965). Tested in WB, Flow Cytometry, ELISA 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:	BPIFB1
Alternative Name:	BPIFB1 (BPIFB1 Products)
Background:	BPI fold-containing family B member 1 (BPIFB1) is a protein that in humans is encoded by the BPIFB1 gene. The protein encoded by this gene may be involved in the innate immune response to bacterial exposure in the mouth, nasal cavities, and lungs. The encoded protein is secreted and is a member of the BPI/LBP/PLUNC protein superfamily. This gene is found with other members of the superfamily in a cluster on chromosome 20.
Molecular Weight:	52 kDa
Gene ID:	92747

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg /1x10 ⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Wei, F., Tang, L., He, Y., Wu, Y., Shi, L., Xiong, F., ... & Zeng, Z. (2018). BPIFB1 (LPLUNC1) inhibits radioresistance in nasopharyngeal carcinoma by inhibiting VTN expression. <i>Cell Death & Disease</i> , 9(4), 432. 2. Gao, J., Ohlmeier, S., Nieminen, P., Toljamo, T., Tiitinen, S., Kanerva, T., ... & Pulkkinen, V. (2015). Elevated sputum BPIFB1 levels in smokers with chronic obstructive pulmonary disease: a longitudinal study. <i>American Journal of Physiology-Lung Cellular and Molecular Physiology</i> , 309(1), L17-L26. 3. Yang, Y., Liao, Q., Wei, F., Li, X., Zhang, W., Fan, S., ... & Li, G. (2013). LPLUNC1 inhibits nasopharyngeal carcinoma cell growth via down-regulation of the MAP kinase and cyclin D1/E2F pathways. <i>PloS one</i> , 8(5), e62869.
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.