Datasheet for ABIN7602215

anti-BPIFA1 antibody (AA 64-256)

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Overview

Quantity:	100 µg
Target:	BPIFA1
Binding Specificity:	AA 64-256
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BPIFA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-Plunc/BPIFA1 Antibody Picoband®
Immunogen:	E.coli-derived human Plunc/BPIFA1 recombinant protein (Position: L64-V256).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-Plunc/BPIFA1 Antibody Picoband® (ABIN7602215). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse. 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:	BPIFA1
Alternative Name:	BPIFA1 (BPIFA1 Products)
Background:	Synonyms: IFNGR2 protein, Interferon gamma receptor 2, IFNGR2, mCG_11456 Tissue Specificity: Wide tissue distribution (highest in the pancreas and very low in brain). Closely associated with the basal layer of cells in epithelia and the endothelium of blood vessel walls. Background: Palate, lung, and nasal epithelium clone protein[5] (PLUNC) is a gene encoding a secretory protein. This gene is the human homolog of murine plunc, and like the mouse gene, is specifically expressed in the upper airways and nasopharyngeal regions. The encoded antimicrobial protein displays antibacterial activity against Gram-negative bacteria. It is thought to be involved in inflammatory responses to irritants in the upper airways and may also serve as a potential molecular marker for detection of micrometastasis in non-small-cell lung cancer. Multiple transcript variants resulting from alternative splicing in the 3' UTR have been detected, but the full-length nature of only three are known.
Molecular Weight:	27 kDa
Gene ID:	51297

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Mouse ELISA, 0.1-0.5 µg/mL, - 1. Bingle, C. D., Bingle, L. Characterisation of the human plunc gene, a gene product with an upper airways and nasopharyngeal restricted expression pattern. Biochim. Biophys. Acta 1493: 363-367, 2000. 2. Bingle, C. D., Craven, C. J. PLUNC: A novel family of candidate host defence proteins expressed in the upper airways and nasopharynx. Hum. Molec. Genet. 11: 937-943, 2002. 3. Chu, H. W., Thaikoottathil, J., Rino, J. G., Zhang, G., Wu, Q., Moss, T., Refaeli, Y., Bowler, R., Wenzel, S. E., Chen, Z., Zdunek, J., Breed, R., Young, R., Allaire, E., Martin, R. J. Function and regulation of SPLUNC1 protein in mycoplasma infection and allergic inflammation. J. Immun. 179: 3995-4002, 2007.
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

Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
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.