

Datasheet for ABIN2775437
anti-BPIFA1 antibody (Middle Region)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	BPIFA1
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Dog, Cow, Guinea Pig, Goat, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BPIFA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PLUNC
Sequence:	GLNNIIDIKV TDPQLLELGL VQSPDGHRLY VTIPLGKILQ VNTPLVGASL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PLUNC. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	BPIFA1
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Target Details

Alternative Name:	PLUNC (BP1FA1 Products)
Background:	<p>PLUNC is the human homolog of murine plunc and is specifically expressed in the upper airways and nasopharyngeal regions. The exact biological function of this protein is not known, however, it has been suggested to be involved in inflammatory responses to irritants in the upper airways. It may also serve as a potential molecular marker for detection of micrometastasis in non-small-cell lung cancer. 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 exact biological function of this gene is not known, however, it has been suggested to be involved in inflammatory responses to irritants in the upper airways. It 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 two is known.</p> <p>Alias Symbols: LUNX, NASG, SPLUNC1, SPURT, bA49G10.5, PLUNC, LPLUNC3</p> <p>Protein Interaction Partner: UBQLN1, SMAD6, UBQLN4, LNX1, Ikbip, UBC,</p> <p>Protein Size: 256</p>
Molecular Weight:	28 kDa
Gene ID:	51297
NCBI Accession:	NM_016583 , NP_057667
UniProt:	Q9NP55

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 256 AA
Restrictions:	For Research Use only

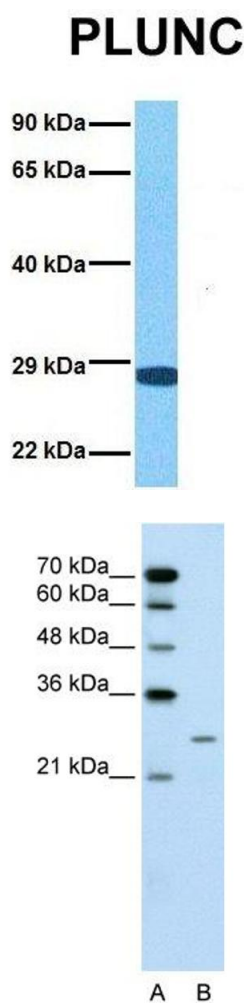
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

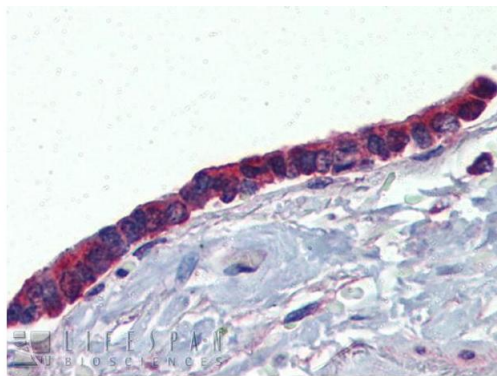


Western Blotting

Image 1. Host: Rabbit Target Name: PLUNC Sample Tissue: Human 293T Antibody Dilution: 1.0ug/ml

Western Blotting

Image 2. WB Suggested Anti-PLUNC Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate



Rabbit Anti-PLUNC Antibody
Catalog Number: ARP42475
Lot Number: QC13334
Paraffin Embedded Tissue: Human Lung, respiratory epithelium
Antibody Concentration: 5.0 µg/ml

Data courtesy of Lifespan Biosciences, Inc.

Immunohistochemistry

Image 3. Immunohistochemistry with Human Lung, respiratory epithelium tissue at an antibody concentration of 5.0ug/ml using anti-PLUNC antibody

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2775437.