

## Rabbit anti-Human BPIFA1/SPLUNC1 Polyclonal Antibody | anti-BPIFA1 antibody

BPIFA1/SPLUNC1 Rabbit anti-Human Polyclonal (aa101-150) Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                             |
|-----------|--------|------------|----------------------------------------------------------|
| AAA162496 | Rabbit | Human      | Western Blot, Immunohistochemistry, Immunohistochemistry |

### PRODUCT SYNONYMS

BPIFA1/SPLUNC1; Polyclonal Antibody; BPIFA1/SPLUNC1 Rabbit anti-Human Polyclonal (aa101-150) Antibody; IHC-plus BPIFA1/SPLUNC1 Antibody (aa101-150); BPIFA1; BA49G10.5; Lung-specific protein X; LUNX; Ligand-binding protein RYA3; SPLUNC1; SPURT; Von Ebner protein HI; LPLUNC3; NASG; PLUNC; Protein Plunc; anti-BPIFA1 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                                                                            |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                                                                                     |
| Reactivity                                       | Human                                                                                                                                                                                                                                                                      |
| Clonality                                        | Polyclonal                                                                                                                                                                                                                                                                 |
| Isotype                                          | IgG                                                                                                                                                                                                                                                                        |
| Specificity                                      | Human PLUNC                                                                                                                                                                                                                                                                |
| Purity/Purification                              | Immunoaffinity purified                                                                                                                                                                                                                                                    |
| Form/Format                                      | PBS, 0.09% sodium azide, 2% sucrose                                                                                                                                                                                                                                        |
| Concentration                                    | 0.5mg/ml (varies by lot)                                                                                                                                                                                                                                                   |
| Applicable Applications for anti-BPIFA1 antibody | WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)                                                                                                                                                                                                  |
| Target                                           | Human BPIFA1/SPLUNC1                                                                                                                                                                                                                                                       |
| Immunogen                                        | Synthetic peptide located between aa101-150 of human BPIFA1 (Q9NP55, NP_057667). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Dog, Bovine, Bat, Pig, Guinea pig (100%); Panda, Rabbit (92%); Opossum (85%). |
| Conjugation                                      | Unconjugated                                                                                                                                                                                                                                                               |
| Epitope                                          | aa101-150                                                                                                                                                                                                                                                                  |
| Preparation and Storage                          | Short term: Store at 2-8 degree C. Long term: Aliquot and store at -20 degree C. Avoid freeze/thaw cycles.                                                                                                                                                                 |

### IMAGES



#### IHC (Immunohistochemistry)

BPIFA1/SPLUNC1 Antibody-Anti-PLUNC antibody IHC of human lung, respiratory epithelium. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other forms have not been tested.



#### WB (Western Blot)

BPIFA1/SPLUNC1 Antibody-A: Marker, B: Jurkat Cell Lysate. This image was taken for the unconjugated form of this product. Other forms have not been tested.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                    |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-BPIFA1 antibody | SPLUNC1 antibody is an unconjugated rabbit polyclonal antibody to SPLUNC1 (BPIFA1)(aa101-150) from human. It is reactive with human, mouse, rat and other species. Validated for IHC and WB. Tested on 20 paraffin-embedded human tissues. Cited in 1 publication. |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                              |
|----------------------------------|----------------------------------------------|
| NCBI GI #                        | 7706119                                      |
| NCBI GeneID                      | 51297                                        |
| NCBI Accession #                 | NP_057667.1                                  |
| NCBI GenBank Nucleotide #        | NM_016583                                    |
| UniProt Accession #              | Q9NP55; Q9NZT0; A6XMV5; A8K9R3; E1P5M9       |
| Molecular Weight                 | 25,257 Da                                    |
| NCBI Official Full Name          | BPI fold-containing family A member 1        |
| NCBI Official Synonym Full Names | BPI fold containing family A member 1        |
| NCBI Official Symbol             | BPIFA1                                       |
| NCBI Official Synonym Symbols    | LUNX; NASG; PLUNC; SPURT; SPLUNC1; bA49G10.5 |
| NCBI Protein Information         | BPI fold-containing family A member 1        |
| UniProt Protein Name             | BPI fold-containing family A member 1        |
| UniProt Gene Name                | BPIFA1                                       |
| UniProt Synonym Gene Names       | LUNX; NASG; PLUNC; SPLUNC1; SPURT; SPLUNC1   |
| UniProt Entry Name               | BPIA1_HUMAN                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.