

A8634

Leader in Biomolecular Solutions for Life Science



## BPIFA1 Rabbit pAb

Catalog No.: A8634

### Basic Information

**Observed MW**

26kDa

**Calculated MW**

27kDa

**Category**

Polyclonal Antibody

**Applications**

WB, ELISA

**Cross-Reactivity**

Mouse, Rat

### Background

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.

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

**Gene ID**

51297

**Swiss Prot**

Q9NP55

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 20-256 of human BPIFA1 (NP\_057667.1).

**Synonyms**

LUNX; NASG; PLUNC; SPURT; SPLUNC1; bA49G10.5; BPIFA1

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

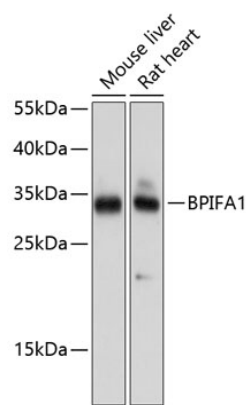
Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using BPIFA1 antibody (A8634) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.