

BPIFA1 Rabbit pAb

Catalog No.: A8634

Basic Information

Observed MW

26kDa

Calculated MW

27kDa

Category

Primary antibody

Applications

ELISA, WB

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

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Product Information

Source

Rabbit

Isotype

IgG

Purification

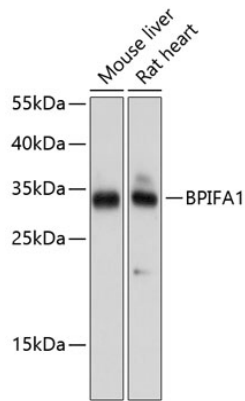
Affinity purification

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) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.