

Anti-BPIFB1 Antibody (60559)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	60559
Purification:	Protein A

Applications

Verified Activity:	Immunochemical staining of human BPIFB1 in human trachea with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).
Application:	IHC-P
Recommended	IHC-P: 1:100-1:500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human BPIFB1 / LPLUNC1 Protein (TMPY-03851)
Antigen Species:	Human
Synonyms:	C20orf114;BPI fold containing family B, member 1;LPLUNC1

Research Background

BPIFB1, also known as LPLUNC1, belongs to the BPI/LBP/Plunc superfamily, plunc family. BPIFB1 may be involved in the innate immune response to bacterial exposure in the mouth, nasal cavities, and lungs. BPIFB1 is expressed in the upper respiratory tract and oral cavity, which may function in host defence. The expression of BPIF proteins is associated with CF lung disease in humans and mice. It is unclear if this elevation of protein production, which results from phenotypic alteration of the cells within the diseased epithelium, plays a role in the pathogenesis of the disease. BPIFB1 is an abundant, secreted product of goblet cells and minor mucosal glands of the respiratory tract and oral cavity and suggest that the protein functions in the complex milieu that protects the mucosal surfaces in these locations.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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