

Product name:	PLUNC Rabbit Polyclonal Antibody
Cat number:	ABN16291
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthesized peptide derived from the Internal region of human PLUNC.
Reactivity:	Human,Rat,Mouse
Applications:	IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
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. [provided by RefSeq, Aug 2014],function:May be involved in the airway inflammatory response after exposure to irritants. May be associated with tumor progression. May play a role in innate immune responses of the upper airways.,induction:By all-trans retinoic acid (ATRA).,miscellaneous:Binds lipopolysaccharides.,PTM:May be N-glycosylated.,similarity:Belongs to the BPI/LBP/Plunc superfamily. Plunc family.,subcellular location:Found in the nasal mucus (By similarity). Apical side of airway epithelial cells. Detected in nasal mucus.,tissue specificity:Lung, upper airways and nasopharyngeal regions, including trachea and nasal epithelium. Specifically expressed in the secretory ducts and submucosal glands of tracheobronchial tissues. Highest expression in the trachea and progressive decrease from proximal (bronchial) to distal (bronchiolar) airways. Also expressed in lung cancers and some other types of cancer.,