Goat anti-BPIFA1 / PLUNC Antibody

Item Number	dAP-2849
Target Molecule	Principle Name: BPIFA1 / PLUNC; Official Symbol: BPIFA1; All Names and Symbols: BPIFA1; BPI fold containing family A, member 1; LPLUNC3; LUNX; NASG; PLUNC; SPLUNC1; SPURT; bA49G10.5; OT-THUMP00000030625; OTTHUMP00000030626; OTTHUMP00000030627; ligand-binding protein RYA3; lung-specific protein X; nasopharyngeal carcinoma-related prote; Accession Number (s): NP_057667.1; Human Gene ID(s): 51297; Non-Human GeneID(s):
Immunogen	NEVLRGLDITLVHD, is from C Terminus Reported variants represent identical protein: NP_057667.1, NP_001230122.1, NP_570913.1
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx 26kDa band observed in secretions of Human primary airway cells in culture-and in Human Bronchoalveolar Lavage fluid (calculated MW of 26.7kDa according to NP_057667.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Lukinskiene L, Liu Y, Reynolds SD, Steele C, Stripp BR, Leikauf GD, Kolls JK, Di YP. Antimicrobial activity of PLUNC protects against Pseudomonas aeruginosa infection. J Immunol. 2011 Jul 1;187(1):382-90..PMID: 21632717->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only