

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB11482 - Goat Anti-BPIFA1 / PLUNC Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** bA49G10.5, BPI fold containing family A, member 1, BPIFA1, ligand-binding protein RYA3, LPLUNC3, lung-specific protein X, LUNX, NASG, nasopharyngeal carcinoma-related protein, OTTHUMP00000030625, OTTHUMP00000030626, OTTHUMP00000030627, palate lung and nasal epithelium clone protein, palate, lung and nasal epithelium associated, PLUNC, protein Plunc, secretory protein in upper respiratory tracts, SPLUNC1, SPURT, tracheal epithelium enriched protein, tracheal epithelium-enriched protein, von Ebner protein HI

**Official Symbol:** BPIFA1

**Accession Number(s):** NP\_057667.1

**Human GeneID(s):** [51297](#)

**Important Comments:** Reported variants represent identical protein: NP\_057667.1, NP\_001230122.1, NP\_570913.1

### Immunogen

Peptide with sequence RDKQERIHVLGDC, from the internal region of the protein sequence according to NP\_057667.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

### Applications Tested

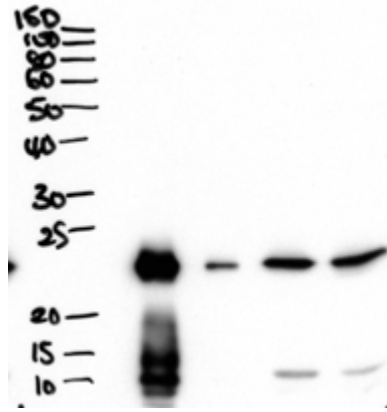
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**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.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB11482 (2 $\mu$ g/ml) staining of secretions from Human primary airway cells in culture (lanes 1 and 2), and in Human Bronchoalveolar Lavage fluid (lanes 3 and 4) . Data obtained from Dr. C Bingle, AURM, University of Sheffield, UK. Primary incubation was 1 hour. Detected by chemiluminescence.