

## Product datasheet for TA321987

### LPLUNC3 (BPIFB3) Rabbit Polyclonal Antibody

#### Product data:

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	WB: 1000–5000 WB positive control: Human lung cancer tissue IHC: 100–300 Positive control: Human colon cancer Predicted cell location: Cytoplasm
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Synthetic peptide corresponding to a region derived from 260–273 amino acids of Human BPI fold containing family B, member 3
<b>Formulation:</b>	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Antigen affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at –20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	50 kDa
<b>Gene Name:</b>	BPI fold containing family B member 3
<b>Database Link:</b>	<a href="#">NP_872599</a> <a href="#">Entrez Gene 359710 Human</a> <a href="#">P59826</a>



**Background:**

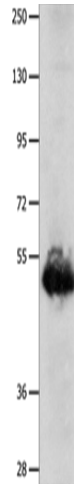
BPI fold-containing family B member 3 may have the capacity to recognize and bind specific classes of odorants. May act as a carrier molecule; transporting odorants across the mucus layer to access receptor sites. May serve as a primary defense mechanism by recognizing and removing potentially harmful odorants or pathogenic microorganisms from the mucosa or clearing excess odorant from mucus to enable new odorant stimuli to be received.

**Synonyms:**

C20orf185; LPLUNC3; RYA3

**Protein Families:**

Druggable Genome, Secreted Protein

**Product images:**

Gel: 8%SDS-PAGE

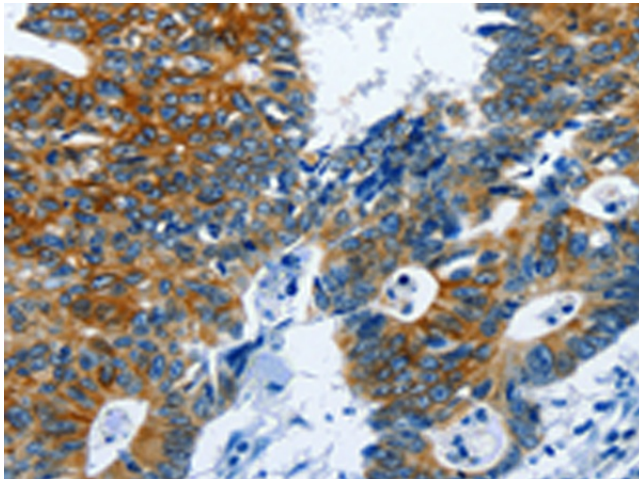
Lysate: 40 µg

Lane: Human lung cancer tissue

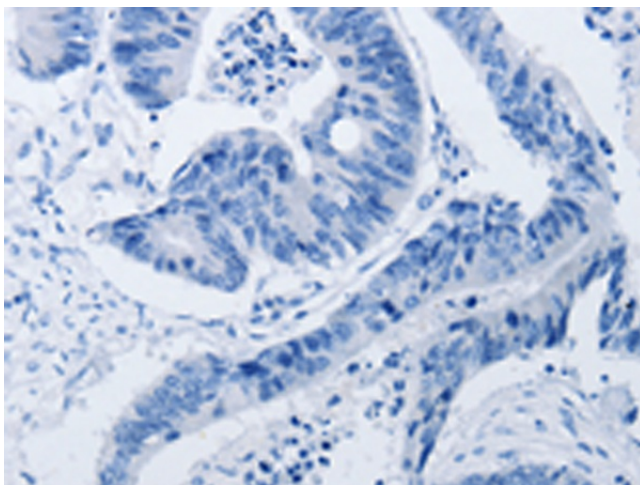
Primary antibody: TA321987 (BPIFB3 Antibody)  
at dilution 1/1600

Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution

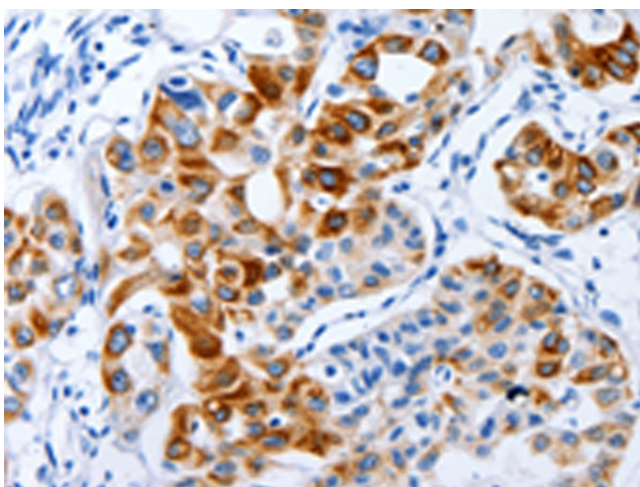
Exposure time: 30 seconds



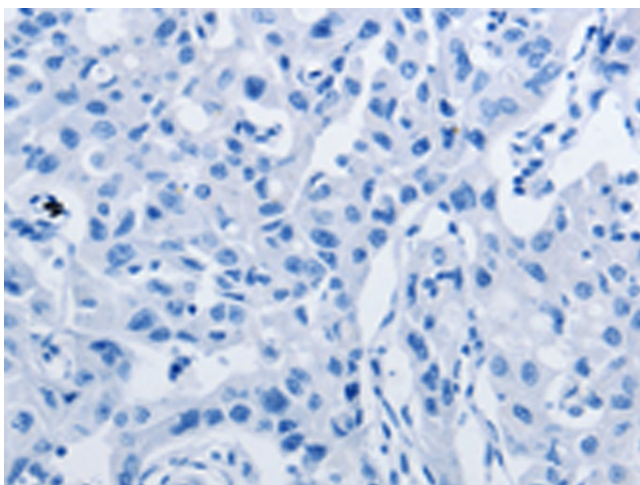
Immunohistochemistry of paraffin-  
embedded Human colon cancer tissue using  
TA321987 (BPIFB3 Antibody) at dilution 1/120  
(Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA321987 (BPIFB3 Antibody) at dilution 1/120, treated with synthetic peptide. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA321987 (BPIFB3 Antibody) at dilution 1/120 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA321987 (BPIFB3 Antibody) at dilution 1/120, treated with synthetic peptide. (Original magnification:  $\times 200$ )