

## Rabbit Anti-BPIL3/Biotin Conjugated antibody

SL8425R-Bio

<b>Product Name</b>	Anti-BPIL3/Biotin
<b>Chinese Name</b>	生物素标记的杀菌/通透性增加蛋白样 3 抗体
<b>Alias</b>	Bactericidal/permeability increasing protein like 3; BPIL 3; BPIL-3; LPLUNC6; OTTHUMP00000030617.
<b>Research Area</b>	Cell biology immunology
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Human(predicted:Mouse,Pig,Cow,Horse,Sheep) WB=1000-10000
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	48kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human BPIL3
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Storage</b>	
<b>Product Detail</b>	<b>background:</b> Members of the bactericidal/permeability-increasing protein family have antimicrobial properties and bind lipophilic substances, therefore targeting gram-negative bacteria. The bactericidal permeability increasing protein (BPI) is an antibacterial and endotoxin-neutralizing molecule that is abundant in the granules of polymorphonuclear leukocytes (neutrophil granules). Sharing

structural and sequence homologies with BPI, BPIL3 (Bactericidal/permeability-increasing protein-like 3) is a 453 amino acid secreted protein that contains the family's common conserved feature of two cysteine residues that are critical for protein function. While BPIL3 is primarily expressed at low levels in tonsils, it has been found to be upregulated in hypertrophic tonsil tissue, suggesting that it may play a role in the pathogenesis of inflamed disease tissue.

**Subcellular Location:**

Secreted (By similarity).

**Tissue Specificity:**

Detected at very low levels in normal tonsils, and at higher levels in hypertrophic tonsils.

**Similarity:**

Belongs to the BPI/LBP/Plunc superfamily. BPI/LBP family.

**Database links:**

UniProtKB/Swiss-Prot: Q8NFAQ.1

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.