

BPIL3 Rabbit pAb

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Catalog # AP59000

Product Information

Application	WB
Primary Accession	Q8NFQ5
Reactivity	Human
Predicted	Pig, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49717
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human BPIL3
Epitope Specificity	1-100/453
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted (By similarity).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	128859
Other Names	BPI fold-containing family B member 6, Bactericidal/permeability-increasing protein-like 3, BPIFB6, BPIL3
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

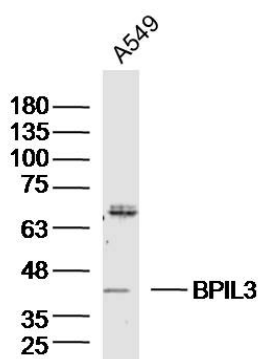
Protein Information

Name	BPIFB6
Synonyms	BPIL3
Cellular Location	Secreted.
Tissue Location	Detected at very low levels in normal tonsils, and at higher levels in hypertrophic tonsils

Background

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Images



Sample:A549 (Human)cell Lysate at 40 ug
Primary: Anti-BPIL3(AP59000)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution
Predicted band size: 48kD
Observed band size: 45kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.