

BPIL2 Rabbit pAb

Catalog # AP96272

Product Information

Application	WB
Primary Accession	Q8NEQ6
Other Accession	Q8NEQ6
Reactivity	Human
Predicted	Rat, Pig, Mouse, Rabbit, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56469
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human BPIL2
Epitope Specificity	131-230/507
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).
SIMILARITY	Belongs to the BPI/LBP/Plunc superfamily. BPI/LBP family.
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, BPIL2 (Bactericidal/permeability-increasing protein-like 2) is a 507 amino acid secreted protein that contains the family's common conserved feature of two cysteine residues that are critical for protein function. While BPIL2 is expressed in the basal layer of inflamed epidermis from psoriasis patients, it is not detected in normal skin.

Additional Information

Gene ID	254240
Other Names	BPIL2; BPIFC_HUMAN; BPIFC; Bactericidal/permeability-increasing protein-like 2 (BPI-like 2); BPI fold containing family C; bactericidal/permeability-increasing protein-like 2
Target/Specificity	Detected in the basal layer of the epidermis from inflammatory skin from psoriasis patients, but not in normal skin.
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.
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Protein Information

Name	BPIFC
Synonyms	BPIL2
Cellular Location	Secreted {ECO:0000250 UniProtKB:P17213}.
Tissue Location	Detected in the basal layer of the epidermis from inflammatory skin from psoriasis patients, but not in normal skin

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