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Datasheet for ABIN1416869
anti-BPIL1 antibody (AA 1-100) (Cy3)

Overview

Quantity:	100 µL
Target:	BPIL1 (BPIFB2)
Binding Specificity:	AA 1-100
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BPIL1 antibody is conjugated to Cy3
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human BPIL1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	BPIL1 (BPIFB2)
Alternative Name:	BPIL1 (BPIFB2 Products)

Target Details

Background: Synonyms: Bactericidal permeability increasing protein like 1, C20orf184, dJ726C3.2, Long palate lung and nasal epithelium carcinoma associated 2, Long palate lung and nasal epithelium carcinoma associated protein 2, LPLUNC2, RYSR.

Background: 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, BPIL1 (bactericidal/permeability-increasing protein-like 1) is a 458 amino acid secreted protein that contains the family's common conserved feature of two cysteine residues that are critical for protein function. While BPIL1 is primarily expressed at low levels in tonsil tissue, it has been found to be upregulated in hypertrophic tonsils, suggesting that it may play a role in the pathogenesis of inflamed disease tissue.

Gene ID: 80341

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months
