

Datasheet for ABIN1416874

anti-BPIL1 antibody (AA 1-100) (HRP)



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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 HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (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:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months