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Datasheet for ABIN4997572

anti-BPIL1 antibody (AA 1-100) (Alexa Fluor 680)

Overview

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| 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 Alexa Fluor 680 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| 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

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

Target Details

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|-------------|---|
| Background: | <p>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.</p> <p>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.</p> |
| Gene ID: | 80341 |

Application Details

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| 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

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| 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 |