
BPIFB6 Antibody Blocking Peptide

Catalog Number: bs-8425P

Activity: Not tested

Purification: HPLC

Storage: Shipped at 4°C. Stored at -20°C for one year. Avoid repeated freeze/thaw cycles.

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, 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.