

Datasheet for ABIN1385513 **anti-BPI antibody**



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Overview

Quantity:	100 µL
Target:	BPI
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BPI antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CAP57
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	BPI
Alternative Name:	CAP57 (BPI Products)
Background:	Synonyms: Neutrophil Bactericidal Protein BP30, Bactericidal permeability-increasing protein, Bactericidal/permeability increasing protein, BPI, BPI_HUMAN, CAP 57, CAP-57, CAP57. Background: The cytotoxic action of BPI is limited to many species of Gram-negative bacteria,

Target Details

this specificity may be explained by a strong affinity of the very basic N-terminal half for the negatively charged lipopolysaccharides that are unique to the Gram-negative bacterial outer envelope. Has antibacterial activity against the Gram-negative bacterium *P.aeruginosa*, this activity is inhibited by LPS from *P.aeruginosa*.

Gene ID: 671

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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: 4 °C, -20 °C

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

Expiry Date: 12 months