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Datasheet for ABIN706511 **anti-BPI antibody (AA 141-240)**

Overview

Quantity:	100 µL
Target:	BPI
Binding Specificity:	AA 141-240
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BPI antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human BPI
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	BPI
Alternative Name:	BPI (BPI Products)

Target Details

Background:	<p>Synonyms: Bactericidal permeability-increasing protein, bactericidal/permeability-increasing protein, BPI, CAP 57, BPI_HUMAN.</p> <p>Background: The antimicrobial protein Bactericidal Permeability Increasing protein (BPI) is a 55 kDa protein found in the primary granules of polymorphonuclear leukocytes (PMN). The cytotoxicity action of BPI is limited to gram negative bacteria, reflecting the high affinity of BPI for bacterial LPS. Binding of BPI to live bacteria via LPS causes anti-infective activities: 1) cytotoxicity via sequential damage to bacterial outer and inner lipid membranes, 2) neutralization of gram-negative bacterial LPS, 3) opsonization of bacteria to enhance phagocytosis by neutrophils.</p>
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Gene ID:	671
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Application Details

Application Notes:	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only
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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