

Rabbit anti-Human BPI Polyclonal Antibody | anti-BPI antibody

BPI Antibody (Center)

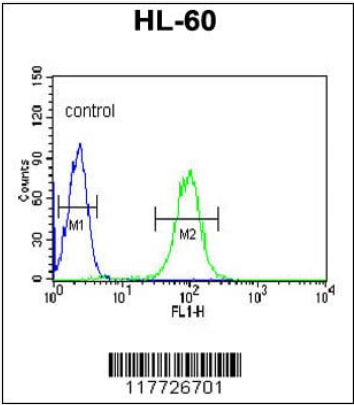
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288236	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

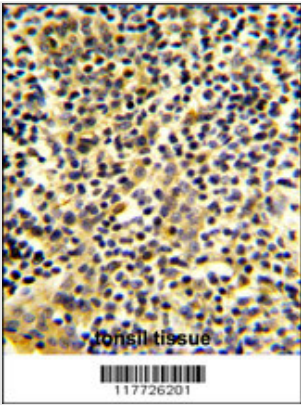
BPI; Polyclonal Antibody; BPI Antibody (Center); Bactericidal permeability-increasing protein; CAP 57; anti-BPI antibody

PRODUCT SPECIFICATIONS

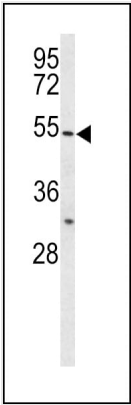
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This BPI antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 293-324 amino acids from the Central region of human BPI.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	293-324
Sequence Length	487
Applicable Applications for anti-BPI antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
BPI Antibody (Center) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human tonsil tissue reacted with BPI Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of BPI Antibody (Center) in HL-60 cell line lysates (35ug/lane). BPI (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-BPI antibody	BPI encodes a lipopolysaccharide binding protein. It is associated with human neutrophil granules and has bactericidal activity on gram-negative organisms.
Product Categories/Family for anti-BPI antibody	Cardiovascular; Cell Biology; Immunology; Signal Transduction
References	Davila,S., et.al., Genes Immun. (2010) In press Guey,L.T., et.al., Eur. Urol. 57 (2), 283-292 (2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	157276599
NCBI GeneID	671
NCBI Accession #	NP_001716.2
NCBI GenBank Nucleotide #	NM_001725.2
UniProt Accession #	P17213; Q1ZZU8; Q5JRW0; Q8IW58; Q9BYZ9; Q9H1L2; Q9H1M8; Q9H203; Q9UCT4; Q9UD65; B2RCY2
Molecular Weight	53900

NCBI Official Full Name	bactericidal permeability-increasing protein
NCBI Official Synonym Full Names	bactericidal/permeability-increasing protein
NCBI Official Symbol	BPI
NCBI Official Synonym Symbols	rBPI; BPIFD1
NCBI Protein Information	bactericidal permeability-increasing protein
UniProt Protein Name	Bactericidal permeability-increasing protein
UniProt Gene Name	BPI
UniProt Synonym Gene Names	BPI
UniProt Entry Name	BPI_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/bpi-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288236>