

BPI rabbit pAb

Catalog No :	YN7415
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	BPI
Gene Name :	BPI
Protein Name :	Bactericidal permeability-increasing protein (BPI) (CAP 57)
Human Gene Id :	671
Human Swiss Prot No :	P17213
Mouse Gene Id :	329547
Mouse Swiss Prot No :	Q67E05
Rat Gene Id :	296321
Rat Swiss Prot No :	Q6AXU0
Immunogen :	Synthesized peptide derived from human BPI
Specificity :	This antibody detects endogenous levels of BPI at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)**Molecularweight :** 54kD**Function :** The cytotoxic action of BPI is limited to many species of Gram-negative bacteria; 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*.**Subcellular Location :** Secreted . Cytoplasmic granule membrane . Membrane-associated in polymorphonuclear Leukocytes (PMN) granules. .**Expression :** Restricted to cells of the myeloid series.

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