

Goat anti-BPI Antibody

Item Number	dAP-3205
Target Molecule	Principle Name: BPI; Official Symbol: BPI; All Names and Symbols: BPI; bactericidal/permeability-increasing protein; BPIFD1; rBPI; BPI fold containing family D, member 1; CAP 57; bactericidal permeability-increasing protein; recombinant BPI holoprotein, rBPI; Accession Number (s): NP_001716.2; Human Gene ID(s): 671; Non-Human GeneID(s):
Immunogen	KIPDYSDSFKIKH, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 50kDa band observed in Human Bone Marrow lysates (calculated MW of 53.9kDa according to NP_001716.2). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Schultz H, Hume J, Zhang de S, Giannini TL, Weiss JP. A novel role for the bactericidal/permeability increasing protein in interactions of gram-negative bacterial outer membrane blebs with dendritic cells. Journal of immunology (Baltimore, Md. : 1950) 2007 Aug 179 (4): 2477-84..PMID: 17675509->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**