

AP21384BT-N**Polyclonal Antibody to Neutral Protease - Biotin**

Alternate names:	Bacillolysin, npr
Quantity:	1 ml
Concentration:	10,0 mg/ml
Uniprot ID:	P29148
NCBI:	1406
Host / Isotype:	Rabbit / IgG
Immunogen:	Neutral protease isolated and purified from <i>Bacillus polymyxa</i> . Freund's complete adjuvant is used in the first step of the immunization procedure.
Format:	State: Lyophilized hyperimmune IgG fraction Purification: Ammonium Sulphate Precipitation and Ion Exchange Chromatography Buffer System: PBS, pH 7.2 without preservatives and foreign proteins Label: Biotin <i>Molar Ratio:</i> Biotin/IgG ~5.1 Reconstitution: Restore by adding 1.0 ml of sterile distilled water
Applications:	Can be used in precipitating and non-precipitating antibody-binding assays (such as e.g., ELISA and Western blotting and immuno-fluorescence or histochemical techniques). <u>Working dilutions:</u> vary widely, but may be between 1/1000 and 1/10000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Biotin-conjugated IgG fraction of polyclonal rabbit antiserum to neutral protease from <i>Bacillus polymyxa</i> . The reagents were evaluated for potency, purity and specificity using most or all of the following techniques: immunoelectrophoresis, cross-immunoelectrophoresis, single radial immunodiffusion (Ouchterlony), block titration, ELISA, immunoblotting and enzyme inhibition.
Storage:	Prior to and following reconstitution store the antibody at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.