

AP21258PU-N**Polyclonal Antibody to Beta-galactosidase tag - Aff - Purified**

Alternate names:	Beta-Gal Fusion Protein, Beta-Gal tag, JW0335, Lactase, b0344, lacZ tag
Quantity:	1 mg
Concentration:	2.0 mg/ml
Uniprot ID:	P00722
NCBI:	AP_000996
GeneID:	945006
Host / Isotype:	Rabbit / IgG
Immunogen:	Beta-Galactosidase is isolated and purified from Escherichia coli. Freund's complete adjuvant is used in the first step of the immunization procedure.
Format:	State: Lyophilized purified hyperimmune IgG fraction Purification: Solid Phase Affinity Chromatography Buffer System: PBS, pH 7.2 stabilized with Dextran without preservatives and foreign proteins Reconstitution: Restore by adding 0.5 ml of sterile distilled water
Applications:	This product is intended for use in precipitating and non-precipitating antibody-binding assays (such as e.g., ELISA and Western blotting and Immunofluorescence or Histochemical techniques), to prepare an insoluble immuno-affinity adsorbent, for labelling with a marker of choice. <u>Working Dilutions:</u> Non-precipitating antibody-binding techniques: 1/10,000-1/400,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Beta-Galactosidase from Escherichia coli. The reagents were evaluated for potency, purity and specificity using most or all of the following techniques: Immuno-electrophoresis, Cross-Immuno-electrophoresis, Single Radial Immunodiffusion (Ouchterlony), block titration, ELISA, Immunoblotting and enzyme inhibition. Cross-reactivities against enzymes of other sources may occur but have not been determined. Species: Escherichia coli. Other species not tested.
Storage:	Store the antibody lyophilized at 2-8°C and reconstituted at 2-8°C for one week or (in aliquots) at -20°C for longer. If a slight precipitation occurs upon storage, this should be removed by centrifugation. Shelf life: one year from despatch.