Datasheet for ABIN568460

anti-IdnK antibody (Biotin)

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Overview

Quantity:	1 mL
Target:	IdnK (IDNK)
Reactivity:	E. coli
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IdnK antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA), Radioimmunoassay (RIA), Dot Blot (DB), Immunodiffusion (ID), Immunoprecipitation (IP)

Product Details

Immunogen:	Gluconate kinase is isolated and purified from Escherichia coli. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Specificity:	This antibody is polyclonal immunologic reagents to Gluconate kinase from Escherichia coli. 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. Cross-reactivities against enzymes of other sources may occur but have not been determined.
Characteristics:	Molar Ratio: Biotin/IgG ~ 3.3
Purification:	Ammonium Sulphate Precipitation and Ion Exchange Chromatography

Target Details

Target:	IdnK (IDNK)
Alternative Name:	Gluconate Kinase (IDNK Products)
Background:	Synonyms: Gluconokinase, Thermosensitive gluconokinase, gntV, idnK
Gene ID:	946066
NCBI Accession:	AP_004764
UniProt:	P39208

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Restore by adding 1.0 mL of sterile distilled water
Concentration:	10.0 mg/mL
Buffer:	PBS, pH 7.2 without preservatives and foreign proteins
Preservative:	Without preservative
Storage:	4 °C/-20 °C
Storage Comment:	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.