Datasheet for ABIN568238

anti-Glycerol Kinase antibody (Biotin)

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Overview

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

Product Details

Immunogen:	Glycerokinase isolated and purified from Bacillus stearothermophilus. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Characteristics:	Molar Ratio: Biotin/IgG ~4.6
Purification:	Ammonium Sulphate Precipitation and Ion Exchange Chromatography

Target Details

Target:	Glycerol Kinase (GK)
Alternative Name:	Glycerol Kinase (GK Products)
Background:	Glycerol kinase catalyzes the formation of glycerol 3 phosphate from ATP and glycerol. Dihydroxyacetone and L glyceraldehyde can also act as acceptors, UTP and, in the case of the

Target Details

	yeast enzyme, ITP and GTP can act as donors. It provides a way for glycerol derived from fats or glycerides to enter the glycolytic pathway.Synonyms: ATP:glycerol 3-phosphotransferase, GK, GKD, Glycerokinase
Gene ID:	939741
NCBI Accession:	NP_388810
UniProt:	P18157

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.