Datasheet for ABIN459048

anti-GUK1 antibody (Biotin)

Go to Product page

Overview

Quantity:	1 mL
Target:	GUK1
Reactivity:	Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GUK1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Guanylate kinase isolated and purified from porcine brain. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Specificity:	Cross-reactivities against enzymes of other sources may occur but have not been determined.
Characteristics:	Biotin-conjugated IgG fraction of polyclonal rabbit antiserum to guanylate kinase from porcine brain
Purification:	The IgG (7S) fraction is prepared from the antiserum by ammonium sulphate precipitation and ion exchange chromatography.

Target Details

Target:	GUK1
Alternative Name:	Guanylate Kinase (GUK1 Products)

Target Details

Background:	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.
Pathways:	Nucleotide Phosphorylation, ER-Nucleus Signaling, Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	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).
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	IgG protein concentration 10 mg/ml. Biotin/IgG protein molar ratio (B/P) approximately 6.6. No foreign proteins added.
Buffer:	Biotin-coupled hyperimmune rabbit IgG lyophilised from a solution in phosphate buffered saline (PBS, pH 7.2).
Preservative:	Without preservative
Storage:	4 °C/-20 °C
Storage Comment:	The lyophilised conjugate is shipped at ambient temperature and may be stored at +4°C, prolonged storage at or below -20°C. It is reconsti tuted by adding 1.0 ml sterile distilled water, spun down to remove insoluble particles, divided into small aliquots, frozen and stored at or below -20°C. Prior to use, an aliquot is thawed slowly at a mbient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at +4°C, not refrozen, and preferably used t he same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the product.