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Datasheet for ABIN7160671

anti-NAGK antibody (AA 2-344) (HRP)

Overview

Quantity:	100 µg
Target:	NAGK
Binding Specificity:	AA 2-344
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAGK antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human N-acetyl-D-glucosamine kinase protein (2-344AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	NAGK
Alternative Name:	NAGK (NAGK Products)
Background:	Background: Converts endogenous N-acetylglucosamine (GlcNAc), a major component of complex carbohydrates, from lysosomal degradation or nutritional sources into GlcNAc 6-

Target Details

phosphate. Involved in the N-glycolylneuraminic acid (Neu5Gc) degradation pathway: although human is not able to catalyze formation of Neu5Gc due to the inactive CMAHP enzyme, Neu5Gc is present in food and must be degraded. Also has ManNAc kinase activity.

Aliases: EC 2.7.1.59 antibody, GlcNAc kinase antibody, GNK antibody, HSA242910 antibody, N-acetylglucosamine kinase antibody, N-acetyl-D-glucosamine kinase antibody, N-acetylglucosamine kinase antibody, nagK antibody, NAGK_HUMAN antibody

UniProt: [Q9UJ70](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.