

Datasheet for ABIN7160668
anti-NAGK antibody (AA 2-344)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	NAGK
Binding Specificity:	AA 2-344
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAGK antibody is un-conjugated
Application:	Western Blotting (WB), 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: Recommended dilution: WB:1:1000-1:5000,

Restrictions: For Research Use only

Handling

Format: Liquid

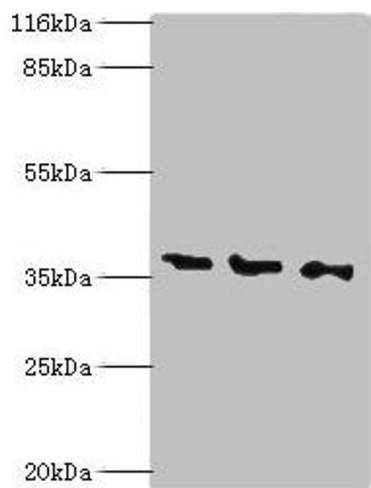
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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.



Western Blotting

Image 1. Western blot All lanes: N-acetyl-D-glucosamine kinase antibody at 2 µg/mL Lane 1: HepG2 whole cell lysate Lane 2: 293T whole cell lysate Lane 3: Hela whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 38, 43 kDa Observed band size: 38 kDa