

Datasheet for ABIN872749  
**anti-NAGK antibody (AA 201-300)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	NAGK
Binding Specificity:	AA 201-300
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAGK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human N acetylglucosamine kinase
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Cow,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	NAGK
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## Target Details

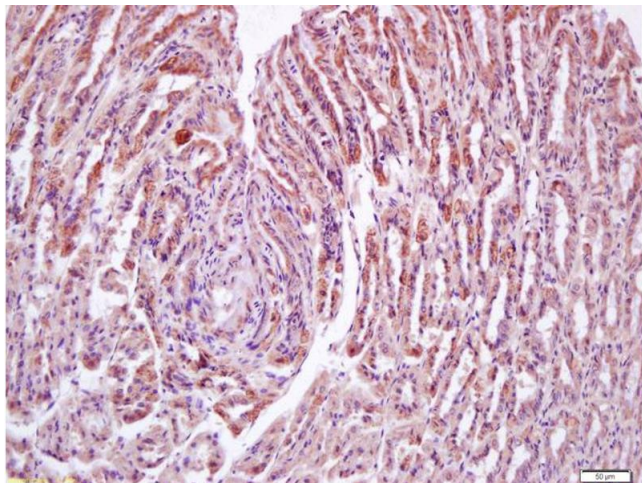
Alternative Name:	N acetylglucosamine kinase ( <a href="#">NAGK Products</a> )
Background:	<p>Synonyms: GNK, HSA242910, N-acetyl-D-glucosamine kinase, N-acetylglucosamine kinase, GlcNAc kinase, NAGK</p> <p>Background: Converts endogenous N-acetylglucosamine (GlcNAc), a major component of complex carbohydrates, from lysosomal degradation or nutritional sources into GlcNAc 6-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.</p>
Gene ID:	55577
UniProt:	<a href="#">Q9UJ70</a>

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



#### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded mouse stomach labeled with Anti-N acetylglucosamine kinase Polyclonal Antibody, Unconjugated (ABIN872749) at 1:200 followed by conjugation to the secondary antibody and DAB staining