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Datasheet for ABIN7116671 **anti-NAGK antibody**

Overview

Quantity:	100 µg
Target:	NAGK
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAGK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	N-acetylglucosamine kinase
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	NAGK
Alternative Name:	NAGK (NAGK Products)
Background:	Synonyms:GlcNAc kinase, GNK, HSA242910, N acetyl D glucosamine kinase, N acetylglucosamine kinase, NAGK 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-

Target Details

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.

Molecular Weight: 37kd

Gene ID: 55577

UniProt: [Q9UJ70](#)

Application Details

Application Notes: WB: 1:500-1:1000, IHC: 1:50-1:500, IF: 1:50-1:500

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months