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Datasheet for ABIN7467768
anti-NAGK antibody

Overview

Quantity:	100 µL
Target:	NAGK
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAGK antibody is un-conjugated
Application:	Immunocytochemistry (ICC), Immunofluorescence (IF), Proximity Ligation Assay (PLA)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human NAGK. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Rat
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	NAGK
Alternative Name:	N-acetylglucosamine kinase (NAGK Products)
Background:	N-acetylglucosamine kinase , GNK , HSA242910,N-acetylglucosamine kinase (NAGK, EC 2.7.1.59) converts endogenous N-acetylglucosamine (GlcNAc), a major component of complex carbohydrates, from lysosomal degradation or nutritional sources into GlcNAc 6-phosphate.

Target Details

NAGK belongs to the group of N-acetylhexosamine kinases and is a prominent salvage enzyme of amino sugar metabolism in mammals.[supplied by OMIM]

Molecular Weight: 37 kDa

Gene ID: 55577

UniProt: [Q9UJ70](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

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

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.