



Anti-NAGK (aa 1-69) polyclonal antibody (DPAB-DC2417)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the N-acetylhexosamine kinase family. The encoded protein catalyzes the conversion of N-acetyl-D-glucosamine to N-acetyl-D-glucosamine 6-phosphate, and is the major mammalian enzyme which recovers amino sugars.
Immunogen	NAGK (NP_060037, 1 a.a. ~ 69 a.a) partial recombinant protein with GST tag. The sequence is MAAIYGGVEGGGTRSEVLLVSEDGKILAEADGLSTNHWLIGTDKCVERINEMVNRAKRKA GVDPLVPLR
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Tissue lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	NAGK N-acetylglucosamine kinase [Homo sapiens (human)]
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Official Symbol	NAGK
Synonyms	NAGK; N-acetylglucosamine kinase; GNK; HSA242910; N-acetyl-D-glucosamine kinase; glcNAc kinase;
Entrez Gene ID	55577
Protein Refseq	NP_060037
UniProt ID	Q9UJ70
Chromosome Location	2p13.3
Pathway	Amino sugar and nucleotide sugar metabolism; N-acetylglucosamine degradation II;
Function	ATP binding; N-acetylglucosamine kinase activity; N-acylmannosamine kinase activity; protein binding
