

For Research Use Only

NAGK Recombinant antibody, PBS Only

Catalog Number: 86506-1-PBS



Basic Information

Catalog Number: 86506-1-PBS	GenBank Accession Number: BC001029	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 55577	CloneNo.: 251285C6
Source: Rabbit	UNIPROT ID: Q9UJ70	
Isotype: IgG	Full Name: N-acetylglucosamine kinase	
Immunogen Catalog Number: AG7034	Calculated MW: 37 kDa	
	Observed MW: 37 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

NAGK, also called N-acetylglucosamine kinase, or GlcNAc kinase, converts endogenous N-acetylglucosamine (GlcNAc), a major component of complex carbohydrates, from lysosomal degradation or nutritional sources into GlcNAc 6-phosphate. NAGK can suppress the formation of α -syn A53T aggregates in neuronal and non-neuronal cells and suggest aggregation suppression is a general function of NAGK (PMID: 32796833). NAGK is broadly expressed in immune cells and has previously been described to contribute to the hexosamine biosynthetic salvage pathway (PMID: 36002575).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

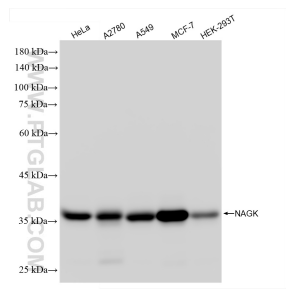
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86506-1-RR (NAGK antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86506-1-PBS in a different storage buffer formulation.