


Anti-NAGK antibody ab95182

2 Images

Overview

| | |
|----------------------------|---|
| Product name | Anti-NAGK antibody |
| Description | Rabbit polyclonal to NAGK |
| Host species | Rabbit |
| Tested applications | Suitable for: WB, IP |
| Species reactivity | Reacts with: Human Predicted to work with: Horse, Chimpanzee, Rhesus monkey, Gorilla, Orangutan  |
| Immunogen | Other Immunogen Type corresponding to Human NAGK aa 50-100. Database link: NP_060037.2 |
| Positive control | Whole cell lysate from HeLa cells, 293T cell lysate |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| Storage buffer | pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate |
| Purity | Immunogen affinity purified |
| Purification notes | ab95182 was affinity purified using an epitope specific to NAGK immobilized on solid support. |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab95182 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| WB | | 1/2000 - 1/10000. Predicted molecular weight: 37 kDa. |
| IP | | Use at 2-5 µg/mg of lysate. |

Target

Function

Converts endogenous N-acetylglucosamine (GlcNAc), a major component of complex carbohydrates, from lysosomal degradation or nutritional sources into GlcNAc 6-phosphate. Also has ManNAc kinase activity.

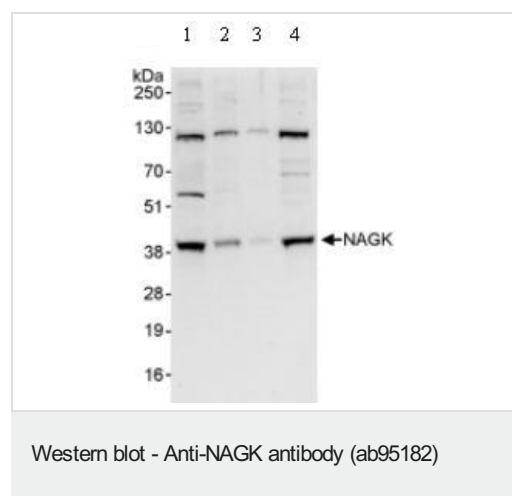
Tissue specificity

Ubiquitous.

Sequence similarities

Belongs to the eukaryotic-type N-acetylglucosamine kinase family.

Images



All lanes : Anti-NAGK antibody (ab95182) at 0.4 µg/ml

Lane 1 : Whole cell lysate from HeLa at 50 µg

Lane 2 : Whole cell lysate from HeLa at 15 µg

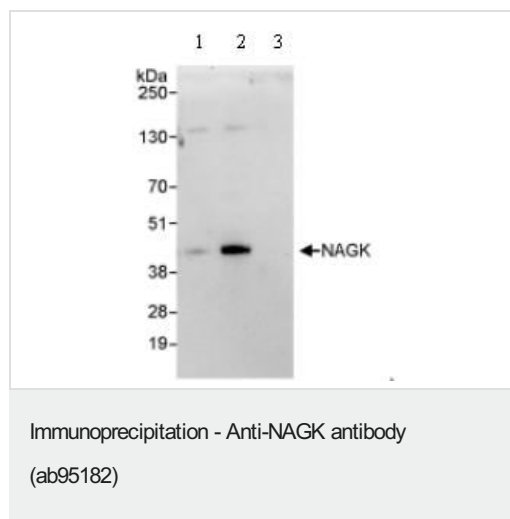
Lane 3 : Whole cell lysate from HeLa at 5 µg

Lane 4 : 293T cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 37 kDa

Exposure time: 30 seconds



Detection of Human NAGK by Immunoprecipitation and Western Blot. Whole cell lysate from HeLa at 1 mg for IP, 20% of IP loaded. ab95182 was used for IP at 3 mcg/mg lysate and 1ug/ml for wb (lane 2) NAGK was also immunoprecipitated by another rabbit antibody (lane 1) and control IgG (lane 3). Detection: Chemiluminescence with exposure times of 30 seconds.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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