



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## GNE purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00010020-D01P

規格 : [ 100 ug ]

[List All](#)

### Specification

**Product Description:** Rabbit polyclonal antibody raised against a full-length human GNE protein.

**Immunogen:** GNE (NP\_005467.1, 1 a.a. ~ 722 a.a) full-length human protein.

**Sequence:**  
 MEKNGNNRKLRVCVATCNRADYSKLPIMFGIKTEPEFFELDVVVLGSHLI  
 DDYGNTYRMIEQDDFDINTRLHTIVRGEDEAAMVESVGLALVKLPDVLNR  
 LKPDIMIVHGDRFDALALATSAALMNIRILHIEGGEVSGTIDDSIRHAITKLAH  
 YHVCCTRSAEQHLISMCEHDHRIILAGCPSYDKLLSAKNKDYMSIIRMWL  
 GDDVKSVDYIVLQHPVTTDIKHSIKMFELTDALISFNKRTLVLFPNIDAG  
 SKEMVRVMRKKGIEHHPNFRVAVKHVPFDQFIQLVAHAGCMIGNSSCGVR  
 EVGAFGTPVINLGTQIGRETGENVLHVRDADTQDKILQALHLQFGKQY  
 PCSKIYGDGNAVPRILKFLKSIDLQEPLQKKFCFPPVKENISQDIDHILETLS  
 ALAVDLGGTNLRVAIVSMKGEIVKKYTQFNPKTYEERINLILQMCVEAAAE  
 AVKLNCRILGVGISTGGRVNPREGVLHSTKLIQEWNSVDLRTPLSDTLHL  
 PVWVDNDGNCAALAEKFGQGKGFENFVTLITGTGIGGGIIHQHELIHGS  
 SFCAELGHLVSLDGPDCSCGSHGCIEAYASGMALQREAKLHDEDLL  
 LVEGMSVPKDEAVGALHLIQAALGNAKAQSILRTAGTALGLGVNHLHT  
 MNPSLVILSGVLASHYIHIVKDVIRQQALSSVQDQDQVVDVVDLVDLVPALLGAA  
 SMVLDYTTTRRY

**Host:** Rabbit

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

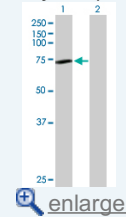
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

**Datasheet:**  [Download](#)

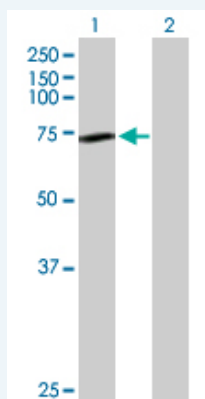
### Application Image

Western Blot (Transfected lysate)



### Applications

Western Blot (Transfected lysate)



Western Blot analysis of GNE expression in transfected 293T cell line (H00010020-T01) by GNE MaxPab polyclonal antibody.

Lane 1: GNE transfected lysate(79.30 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

---

## Gene Information

---

**Entrez GeneID:** [10020](#)

**GeneBank  
Accession#:** [NM\\_005476.3](#)

**Protein  
Accession#:** [NP\\_005467.1](#)

**Gene Name:** GNE

**Gene Alias:** DMRV, GLCNE, IBM2, NM, Uae1

**Gene  
Description:** glucosamine (UDP-N-acetyl)-2-epimerase/N-acetylmannosamine kinase

**Omim ID:** [269921](#), [600737](#), [603824](#), [605820](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene is a bifunctional enzyme that initiates and regulates the biosynthesis of N-acetylneuraminic acid (NeuAc), a precursor of sialic acids. It is a rate-limiting enzyme in the sialic acid biosynthetic pathway. Sialic acid modification of cell surface molecules is crucial for their function in many biologic processes, including cell adhesion and signal transduction. Differential sialylation of cell surface molecules is also implicated in the tumorigenicity and metastatic behavior of malignant cells. Mutations in this gene are associated with sialuria, autosomal recessive inclusion body myopathy, and Nonaka myopathy. Alternative splicing of this gene results in transcript variants encoding different isoforms. [provided by RefSeq]

**Other  
Designations:** N-acetylmannosamine kinase, OTTHUMP00000021370, UDP-N-acetylglucosamine 2-epimerase/N-acetylmannosamine kinase, UDP-N-acetylglucosamine-2-epimerase/N-acetylmannosamine kinase

---

## Gene Pathway

---

[Amino sugar and nucleotide sugar metabolism](#) [Metabolic pathways](#)

---

## Related Disease

---

[Myositis, Inclusion Body](#)

---

[服務條款](#) | [隱私權政策](#) | [著作及商標](#) | [網站地圖](#)

©2016 亞諾法生技股份有限公司 Abnova Corporation. 版權所有.