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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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GNE polyclonal antibody (A01)

Catalog # : H00010020-A01

規格 : [50 uL]

List All

Specification

Product Description: Mouse polyclonal antibody raised against a partial recombinant GNE.

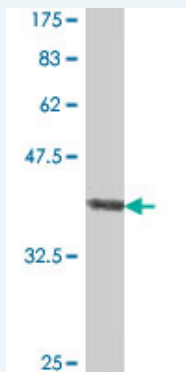
Immunogen: GNE (NP_005467, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag.

Sequence: MEKNGNRRKLRVCVATCNRADYSKLAPIMFGIKTEPEFFELDVVVLGSHLI
DDYGNTYRMIEQDDFDINTRLHTIVRGEDEAAMVESVGLALVKLPDVLNR
LKPDIMIVH

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (38.21 kDa) .

Storage Buffer: 50 % glycerol

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

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [10020](#)

GeneBank Accession#: [NM_005476](#)

Application Image

Western Blot (Recombinant protein)

ELISA

Protein Accession#: [NP_005467](#)

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-acylmannosamine 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](#)