

## GNE polyclonal antibody

Catalog: BS62530

Host: Rabbit

Reactivity: Human,Mouse,Rat

### BackGround:

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.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 79 kDa

### Swiss-Prot:

Q9Y223

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1:500~1:1000 IHC:1:50~1:200

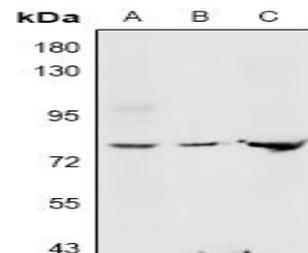
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

GNE polyclonal antibody detects endogenous levels of GNE protein.

### DATA:



Western blot (WB) analysis of GNE polyclonal antibody at 1:500 dilution

LaneA:L02 whole cell lysate

LaneB:The Liver tissue lysate of Mouse

LaneC:The Liver tissue lysate of Rat

### Note:

For research use only, not for use in diagnostic procedure.

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