

GNE Antibody

Catalog No: #35207



Package Size: #35207-1 50ul #35207-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

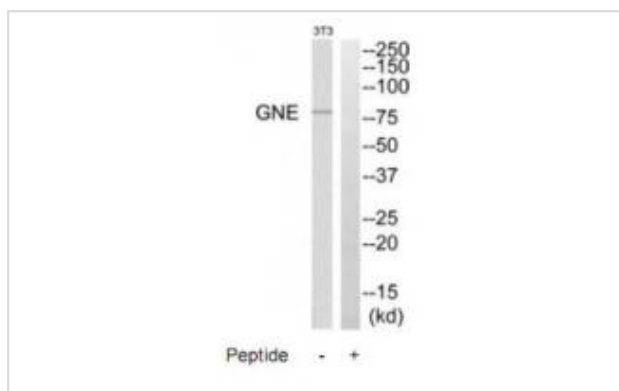
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|-----------------------|--|
| Product Name | GNE Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Applications | WB IHC |
| Species Reactivity | Hu Ms |
| Specificity | The antibody detects endogenous levels of total GNE protein. |
| Immunogen Type | Peptide |
| Immunogen Description | Synthesized peptide derived from C-terminal of human GNE. |
| Target Name | GNE |
| Other Names | Bifunctional UDP-N-acetylglucosamine 2-epimerase/N-acetylmannosamine kinase; UDP-GlcNAc-2-epimerase/ManAc kinase; UDP-N-acetylglucosamine 2-epimerase; UDP-GlcNAc-2-epimerase; Uridine diphosphate-N-acetylglucosamine-2-epimeraseN-acetylmannosamine kinase |
| Accession No. | Swiss-Prot: Q9Y223NCBI Gene ID: 10020 |
| SDS-PAGE MW | 80kd |
| Concentration | 1.0mg/ml |
| Formulation | Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C |

Application Details

Western blotting: 1:500~1:3000

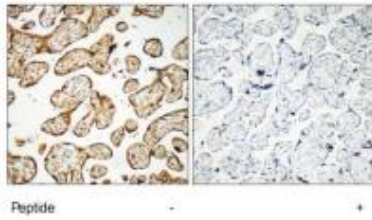
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from NIH/3T3 cells, using GNE antibody #35207.

Immunohistochemistry analysis of paraffin-embedded human placenta tissue, using GNE antibody #35207.



Background

Regulates and initiates biosynthesis of N-acetylneuraminic acid (NeuAc), a precursor of sialic acids. Plays an essential role in early development. By similarity. Required for normal sialylation in hematopoietic cells. Sialylation is implicated in cell adhesion, signal transduction, tumorigenicity and metastatic behavior of malignant cells.

Lucka L., FEBS Lett. 454:341-344(1999).

Seppala R., Am. J. Hum. Genet. 64:1563-1569(1999).

Huizing M., Submitted (OCT-2000) to the EMBL/GenBank/DDBJ databases.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.