

CAB20978

Product Information

Product SKU:	CAB20978	Gene ID:	10020	Size:	20uL, 100uL
Clone No:	ARC2970	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	75kDa	Conjugate:	Unconjugated
Calculated MW:	79kDa	Isotype:	IgG

Immunogen Information

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.
Recommended Dilution:	WB,1:500 - 1:1000
Synonyms:	NM; DMRV; IBM2; Uae1; GLCNE; GNE
Purification Method:	Affinity purification
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 623-722 of human GNE (Q9Y223).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.