



Anti-NAGLU (aa 644-742) polyclonal antibody (DPAB-DC1990)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes an enzyme that degrades heparan sulfate by hydrolysis of terminal N-acetyl-D-glucosamine residues in N-acetyl-alpha-D-glucosaminides. Defects in this gene are the cause of mucopolysaccharidosis type IIIB (MPS-IIIB), also known as Sanfilippo syndrome B. This disease is characterized by the lysosomal accumulation and urinary excretion of heparan sulfate.
Immunogen	NAGLU (NP_000254, 644 a.a. ~ 742 a.a) partial recombinant protein with GST tag. The sequence is YQLTLWGPEGNILDYANKQLAGLVANYYTTPRWRLFLEALVDSVAQGIPFQQHQFDKNVFQ LEQAFVLSKQRYPSQPRGDTVDLAKKIFLKYYPGWVAGS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	NAGLU N-acetylglucosaminidase, alpha [Homo sapiens (human)]
Official Symbol	NAGLU
Synonyms	NAGLU; N-acetylglucosaminidase, alpha; NAG; MPS3B; UFHSD; MPS-IIIB; alpha-N-acetylglucosaminidase; N-acetyl-alpha-glucosaminidase;
Entrez Gene ID	4669
Protein Refseq	NP_000254
UniProt ID	P54802
Chromosome Location	17q21
Pathway	Disease; Glycosaminoglycan degradation; Glycosaminoglycan metabolism; Heparan sulfate degradation.
Function	alpha-N-acetylglucosaminidase activity;