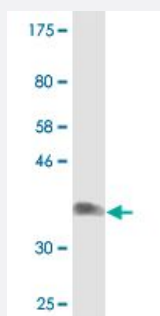


NDST3 monoclonal antibody (M02), clone 3A9

Catalog # H00009348-M02

Size 100 ug

Applications



Western Blot detection against Immunogen (36.52 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NDST3.
Immunogen	NDST3 (NP_004775, 162 a.a. ~ 259 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	IGFHKTSEKSVQSFQLKGFPFSYGNLAVKDCCINPHSPLIRVTKSSKLEKGSLPGTDWTVFQINHS AYQPVIFAKVKTPENLSPSISKGAFYATIIH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (86)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — NDST3

Entrez GeneID	9348
GeneBank Accession#	NM_004784
Protein Accession#	NP_004775
Gene Name	NDST3
Gene Alias	HSST3, MGC130028, MGC130029
Gene Description	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 3
Omim ID	603950
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the heparan sulfate/heparin GlcNAc N-deacetylase/ N-sulfotransferase family. The encoded enzyme is a type II transmembrane protein that resides in the Golgi apparatus. This monomeric bifunctional enzyme catalyzes the N-deacetylation and N-sulfation of N-acetylglucosamine residues in heparan sulfate and heparin, which are the initial chemical modifications required for the biosynthesis of the functional oligosaccharide sequences that define the specific ligand binding activities of heparan sulfate and heparin. [provided by RefSeq]
Other Designations	GlcNAc N-deacetylase/ N-sulfotransferase 3 OTTHUMP00000163903 bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 3 glucosaminyl N-deacetylase/N-sulfotransferase 3

Pathway

- [Heparan sulfate biosynthesis](#)
- [Metabolic pathways](#)

Disease

- [Alcoholism](#)
- [Arthritis](#)
- [Bipolar Disorder](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Tobacco Use Disorder](#)