

DNAxPAb

Hard-to-Find
Antibody

NEU1 DNAxPAb

Catalog # H00004758-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NEU1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MTGERPSTALPDRRWGPRILGFWGGCRVWVFAAIFLLSLAASWSKAENDFGLVQPLVTMEQLLWVSGRQIGSVDTFRIPILITATPRGTLLAFAEARKMSSSDEGAKFIALRRSMDQGSTWSPTAFIVNDGDVPDGLNLGAVVSDVETGVVFLFYSLCAHKAGCQVASTMLVWSKDDGVSWSTPRNLSLDIGTEVFAPGPGSGIQKQREPRKGRLVCGHGTLERDGVFCLLSDDHGASWRYGSGVSGIPYGQPKQENDFNPDECQPYELPDGSVVINARNQNNYHCHCRM/LRSYDACDTLRPRDVTFDPELVDPVVAAGAVVTSSGMFFSNPAHPEFRVNLTLRWSFSNGTSWRKETVQLWPGPSGYSSLATLEGSMGDGEEQAPQLYVLYEKGRNHYESISVAKISVYGTL
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — NEU1

Entrez GeneID	4758
GeneBank Accession#	BC000722.1
Protein Accession#	no protein_acc
Gene Name	NEU1
Gene Alias	FLJ93471, NANH, NEU, SIAL1
Gene Description	sialidase 1 (lysosomal sialidase)
Omim ID	256550 608272
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a lysosomal enzyme that cleaves terminal sialic acid residue s from substrates such as glycoproteins and glycolipids. In the lysosome, this enzyme is part of a heterotrimeric complex together with beta-galactosidase and cathepsin A (the latter is also referred to as 'protective protein'). Mutations in this gene can lead to sialidosis, a lysosomal storage disease that can be type 1 (cherry red spot-myoclonus syndrome or normosomatic type), which is late-onset, or type 2 (the dysmorphic type), which occurs at an earlier age with increased severity. [provided by RefSeq]
Other Designations	G9 sialidase N-acetyl-alpha-neuraminidase 1 OTTHUMP00000029419 acetylneuraminyl hydrolase exo-alpha-sialidase lysosomal sialidase neuraminidase

Pathway

- [Lysosome](#)
- [Other glycan degradation](#)
- [Sphingolipid metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)

- [Lupus Erythematosus](#)