

ARG40455 anti-NAGA antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NAGA
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NAGA
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 312-411 of Human NAGA (NP_000253.1).
Conjugation	Un-conjugated
Alternate Names	Alpha-galactosidase B; EC 3.2.1.49; Alpha-N-acetylgalactosaminidase; D22S674; GALB

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HL-60	
Observed Size	47 kDa	

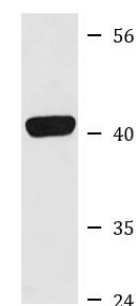
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	NAGA
Gene Full Name	N-acetylgalactosaminidase, alpha-
Background	NAGA encodes the lysosomal enzyme alpha-N-acetylgalactosaminidase, which cleaves alpha-N-acetylgalactosaminyl moieties from glycoconjugates. Mutations in NAGA have been identified as the cause of Schindler disease types I and II (type II also known as Kanzaki disease). [provided by RefSeq, Jul 2008]
Function	Removes terminal alpha-N-acetylgalactosamine residues from glycolipids and glycopeptides. Required for the breakdown of glycolipids. [UniProt]
Calculated Mw	47 kDa
Cellular Localization	Lysosome. [UniProt]

Images



HL-60

ARG40455 anti-NAGA antibody WB image

Western blot: 25 µg of HL-60 cell lysate stained with ARG40455 anti-NAGA antibody at 1:1000 dilution.