

ARG42566 anti-NAA20 / NAT5 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NAA20 / NAT5
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NAA20 / NAT5
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 49-178 of Human NAA20 / NAT5 (NP_057184.1).
Conjugation	Un-conjugated
Alternate Names	NatB complex subunit NAT5; N-terminal acetyltransferase B complex catalytic subunit NAA20; Methionine N-acetyltransferase; NAT3; NAT5P; dJ1002M8.1; NAT5; EC 2.3.1.88; NAT3P; N-acetyltransferase 5; N-terminal acetyltransferase B complex catalytic subunit NAT5; N-alpha-acetyltransferase 20; NatB catalytic subunit

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	IP	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	Mouse kidney	
Observed Size	~ 17 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.

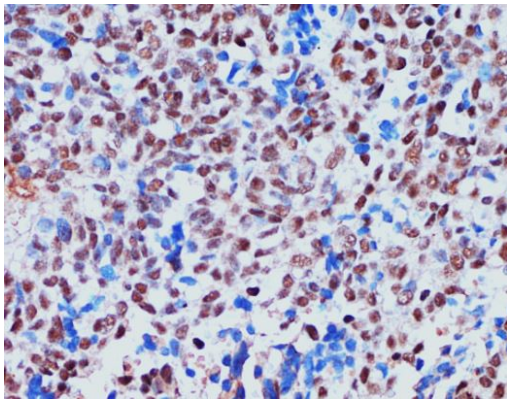
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

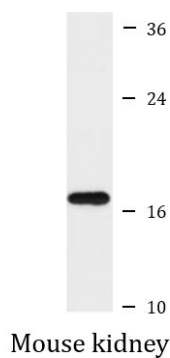
Gene Symbol	NAA20
Gene Full Name	N(alpha)-acetyltransferase 20, NatB catalytic subunit
Background	NAT5 is a component of N-acetyltransferase complex B (NatB). Human NatB performs cotranslational N(alpha)-terminal acetylation of methionine residues when they are followed by asparagine (Starheim et al., 2008 [PubMed 18570629]).[supplied by OMIM, Apr 2009]
Function	Catalytic subunit of the NatB complex which catalyzes acetylation of the N-terminal methionine residues of peptides beginning with Met-Asp, Met-Glu, Met-Asn and Met-Gln. Proteins with cell cycle functions are overrepresented in the pool of NatB substrates. Required for maintaining the structure and function of actomyosin fibers and for proper cellular migration. [UniProt]
Calculated Mw	20 kDa
Cellular Localization	Cytoplasm. Nucleus. [UniProt]

Images



ARG42566 anti-NAA20 / NAT5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human oophoroma tissue stained with ARG42566 anti-NAA20 / NAT5 antibody at 1:100 dilution.



ARG42566 anti-NAA20 / NAT5 antibody WB image

Western blot: 25 µg of Mouse kidney lysate stained with ARG42566 anti-NAA20 / NAT5 antibody at 1:1000 dilution.

ARG42566 anti-NAA20 / NAT5 antibody IP image

Immunoprecipitation: 200 µg extracts of MCF7 cells were immunoprecipitated and stained with ARG42566 anti-NAA20 / NAT5 antibody at 1:1000 dilution.

