

Rabbit anti-Human NAT8 Polyclonal Antibody | anti-NAT8 antibody

NAT8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118511	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

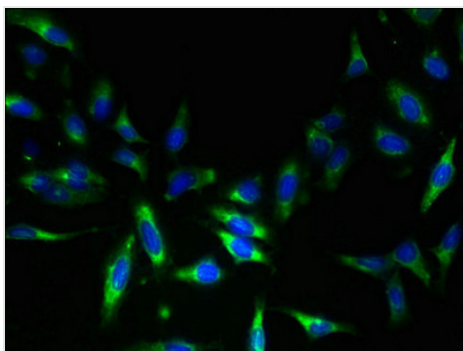
PRODUCT SYNONYMS

NAT8; Polyclonal Antibody; NAT8 Antibody; N-acetyltransferase 8 (EC:2.3.1.-); Acetyltransferase 2; ATase2; Camello-like protein 1; CysteinyI-conjugate N-acetyltransferase (EC:2.3.1.80); CCNAT; anti-NAT8 antibody

PRODUCT SPECIFICATIONS

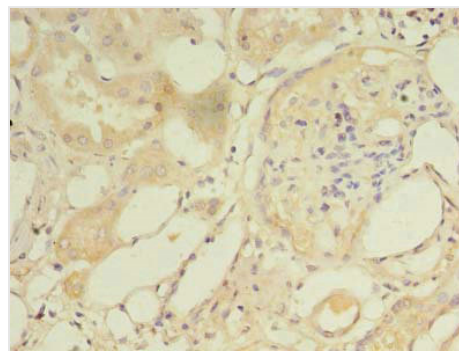
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G Purified
Sequence Length	227
Applicable Applications for anti-NAT8 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human N-acetyltransferase 8 protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-139400
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



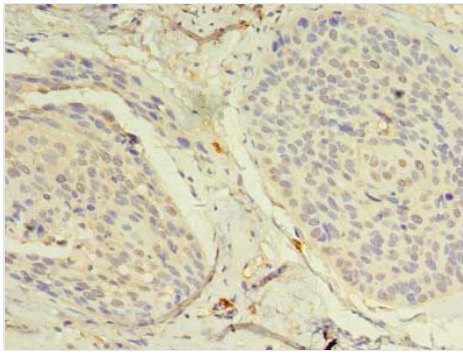
IHC (Immunohistochemisry)

Immunofluorescent analysis of Hela cells using AAA118511 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA118511 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human cervical cancer using AAA118511 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-NAT8 antibody	Acetylates the free alpha-amino group of cysteine S-conjugates to form mercapturic acids (PubMed:20392701). This is the final step in a major route for detoxification of a wide variety of reactive electrophiles which starts with their incorporation into glutathione S-conjugates. The glutathione S-conjugates are then further processed into cysteine S-conjugates and finally mercapturic acids which are water soluble and can be readily excreted in urine or bile. Alternatively, may have a lysine N-acetyltransferase activity catalyzing peptidyl-lysine N6-acetylation of various proteins. Thereby, may regulate apoptosis through the acetylation and the regulation of the expression of PROM1 (PubMed:24556617). May also regulate amyloid beta-peptide secretion through acetylation of BACE1 and the regulation of its expression in neurons (PubMed:19011241).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	117190517
NCBI GeneID	9027
NCBI Accession #	NP_003951.3
NCBI GenBank Nucleotide #	NM_003960.3
UniProt Accession #	Q9UHE5; O75839; Q6LEU4; Q96QI8; Q9UQ17
Molecular Weight	25,619 Da
NCBI Official Full Name	N-acetyltransferase 8
NCBI Official Synonym Full Names	N-acetyltransferase 8 (GCN5-related, putative)
NCBI Official Symbol	NAT8
NCBI Official Synonym Symbols	GLA; CML1; CCNAT; Hcm11; ATase2; TSC501; TSC510
NCBI Protein Information	N-acetyltransferase 8
UniProt Protein Name	N-acetyltransferase 8
UniProt Gene Name	NAT8
UniProt Synonym Gene Names	ATase2; CCNAT
UniProt Entry Name	NAT8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.