

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

NANS antibody

CATALOG # AAA305266	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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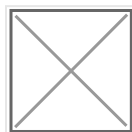
PRODUCT SYNONYMS

NANS; Polyclonal Antibody; NANS antibody; SAS; anti-NANS antibody

PRODUCT SPECIFICATIONS

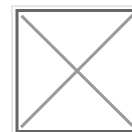
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	359
Applicable Applications for anti-NANS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 54 and 341 of NANS
Target Name	NANS
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded normal gastric epithelium (gland), using NANS antibody at 1: 100 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: Hep G2 10% SDS PAGE NANS antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-NANS antibody	This gene encodes an enzyme that functions in the biosynthetic pathways of sialic acids. In vitro, the encoded protein uses N-acetylmannosamine 6-phosphate and mannose 6-phosphate as substrates to generate phosphorylated forms of N-acetylneuraminic acid (Neu5Ac) and 2-keto-3-deoxy-D-glycero-D-galacto-nononic acid (KDN), respectively; however, it exhibits much higher activity toward the Neu5Ac phosphate product. In insect cells, expression of this gene results in Neu5Ac and KDN production. This gene is related to the E. coli sialic acid synthase gene neuB, and it can partially restore sialic acid synthase activity in an E. coli neuB-negative mutant. [provided by RefSeq]
Product Categories/Family for anti-NANS antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	12056473
NCBI GeneID	54187
NCBI Accession #	NP_061819
NCBI GenBank Nucleotide #	NM_018946.3
Molecular Weight	40,308 Da
NCBI Official Full Name	sialic acid synthase
NCBI Official Synonym Full Names	N-acetylneuraminic acid synthase
NCBI Official Symbol	NANS
NCBI Official Synonym Symbols	SAS; HEL-S-100
NCBI Protein Information	sialic acid synthase
UniProt Protein Name	Sialic acid synthase
UniProt Gene Name	NANS
UniProt Synonym Gene Names	SAS
UniProt Entry Name	SIAS_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nans-antibody-immunohistochemistry-western-blot-elisa/305266>