

Rabbit NANS Polyclonal Antibody | anti-NANS antibody

NANS Antibody

CATALOG # AAA225262	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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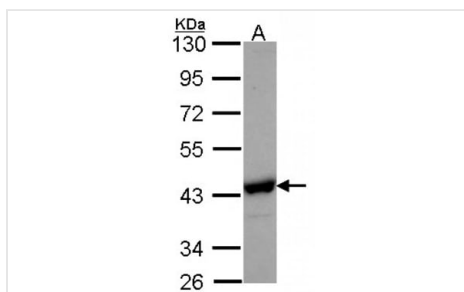
PRODUCT SYNONYMS

NANS; Polyclonal Antibody; NANS Antibody; Affinity Purified Rabbit Polyclonal NANS Antibody; Polyclonal NANS antibody; Anti-NANS antibody; NANS antibody; SAS antibody; N-acetylneuraminic acid phosphate synthase antibody; N-acetylneuraminate-9-phosphate synthase antibody; N-acetylneuraminate synthase antibody; sialic acid synthase antibody; anti-NANS antibody

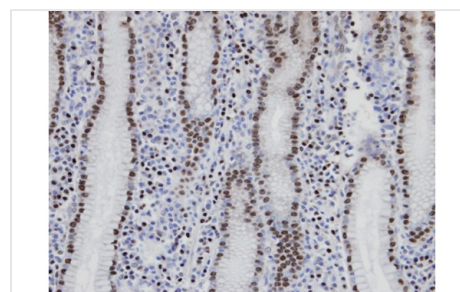
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.21 mg/ml (varies by lot)
Sequence Length	356
Applicable Applications for anti-NANS antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	NANS antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 54 and 359 of NANS
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: Hep G2) using a 10% SDS PAGE gel and NANS antibody at a dilution of 1:1000


IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded normal gastric epithelium (gland) using NANS antibody at a dilution of 1:100

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.
Product Categories/Family for anti-NANS antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	1494139249
Molecular Weight	40 kDa
NCBI Official Full Name	NANS

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-western-blot-immunohistochemistry-elisa/225262>