

Rabbit anti-Human, Rat NSDHL Polyclonal Antibody | anti-NSDHL antibody

NSDHL Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234629	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

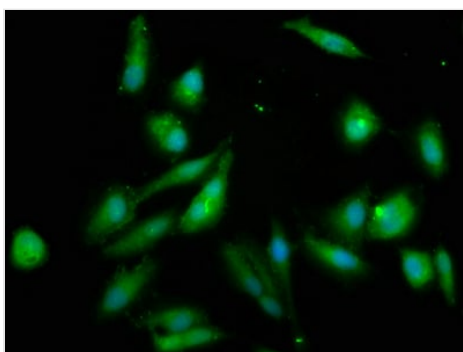
PRODUCT SYNONYMS

NSDHL; Polyclonal Antibody; NSDHL Antibody; Sterol-4-alpha-carboxylate 3-dehydrogenase; decarboxylating; Protein H105e3; H105E3; anti-NSDHL antibody

PRODUCT SPECIFICATIONS

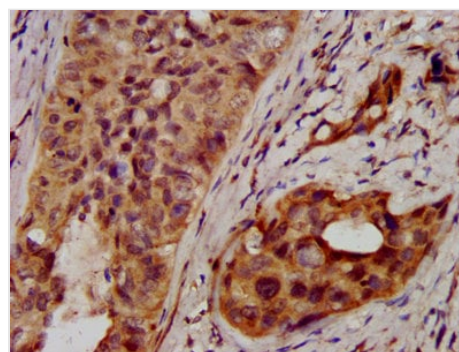
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	373
Applicable Applications for anti-NSDHL antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating protein (154-211AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



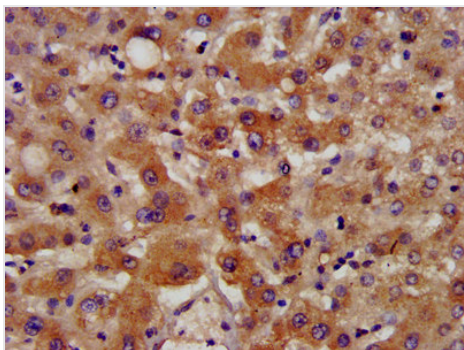
IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with AAA234629 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



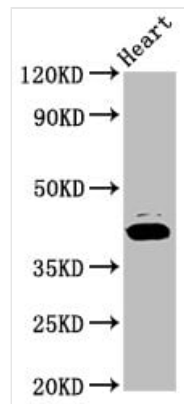
IHC (Immunohistochemistry)

IHC image of AAA234629 diluted at 1:400 and staining in paraffin-embedded human cervical cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234629 diluted at 1:400 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: Rat heart tissue All lanes: NSDHL antibody at 7.2ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 42 KDa Observed band size: 42 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-NSDHL antibody	Involved in the sequential removal of two C-4 methyl groups in post-squalene cholesterol biosynthesis.
Product Categories/Family for anti-NSDHL antibody	Cancer; Cardiovascular; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	193211614
NCBI GeneID	50814
NCBI Accession #	NP_001123237.1
NCBI GenBank Nucleotide #	NM_001129765.1
UniProt Accession #	Q15738; O00344; D3DWT6
Molecular Weight	41,900 Da
NCBI Official Full Name	sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating
NCBI Official Synonym Full Names	NAD(P) dependent steroid dehydrogenase-like
NCBI Official Symbol	NSDHL
NCBI Official Synonym Symbols	H105E3; XAP104; SDR31E1
NCBI Protein Information	sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating
UniProt Protein Name	Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating
UniProt Gene Name	NSDHL
UniProt Synonym Gene Names	H105E3

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/nsdhl-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234629>