

Rabbit NSDHL Polyclonal Antibody | anti-NSDHL antibody

NSDHL Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323255	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

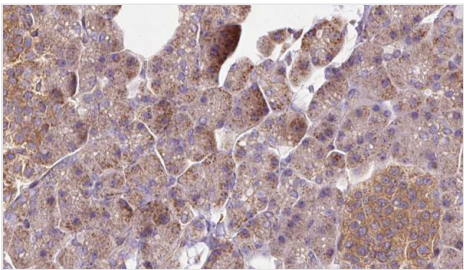
PRODUCT SYNONYMS

NSDHL; Polyclonal Antibody; NSDHL Antibody; decarboxylating; H105E3; H105e3 protein; NAD(P) dependent steroid dehydrogenase like; NSDHL_HUMAN; Protein H105e3; SDR31E1; Short chain dehydrogenase/reductase family 31E member 1; Sterol 4 alpha carboxylate 3 dehydrogenase decarboxylating; Sterol-4-alpha-carboxylate 3-dehydrogenase; XAP104; anti-NSDHL antibody

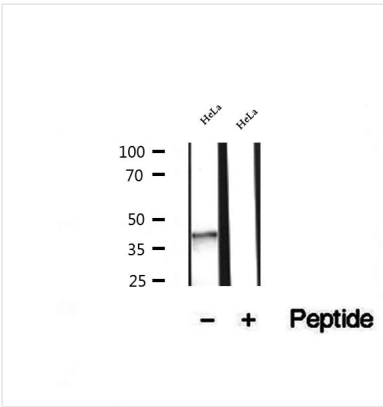
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NSDHL antibody detects endogenous levels of NSDHL.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	373
Applicable Applications for anti-NSDHL antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NSDHL.
Subcellular Location	Endoplasmic Reticulum
Tissue Specificity	Brain, heart, liver, lung, kidney, skin and placenta.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Zebrafish (92%), Bovine (92%), Horse (83%), Sheep (92%), Rabbit (100%), Dog (100%), Chicken (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323255 at 1/100 staining Human pancreas cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of HeLa cells, using NSDHL antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NSDHL antibody	Function: Involved in the sequential removal of two C-4 methyl groups in post-squalene cholesterol biosynthesis. Similarity: Belongs to the 3-beta-HSD family.
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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	Observed: 42 kDa; 40 kDa Predicted: 42 kDa
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.