

Rabbit NSDHL Polyclonal Antibody | anti-NSDHL antibody

[KO Validated] NSDHL Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281711	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

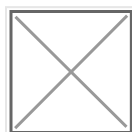
PRODUCT SYNONYMS

NSDHL; Polyclonal Antibody; [KO Validated] NSDHL Rabbit pAb; H105E3; SDR31E1; XAP104; anti-NSDHL antibody

PRODUCT SPECIFICATIONS

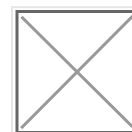
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	MEPAVSEPMR DQVARTHLTE DTPKVNADIE KVNQNQAKRC TVIGGSGFLG QHMVEQLLAR GYAVNVFDIQ QGFDNPQVRF FLGDLCSRQD LYPALGVNT VFHCASPPPS SNNKELFYRV NYIGTKNVIE TCKEAGVQKL ILTSSASVIF EGVDIKNGTE DLPYAMKPID YYTETKILQE RAVLGANDPE KNFLTТАIRP HGIFGPRDPQ LVPILIEAAR NGKMKFVIGN GKNLVDFTFV
Applicable Applications for anti-NSDHL antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-240 of human NSDHL (NP_057006.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



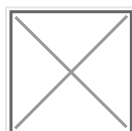
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using NSDHL antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



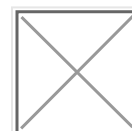
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using NSDHL antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse heart using [KO Validated] NSDHL Rabbit pAb at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using [KO Validated] NSDHL Rabbit pAb at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts from normal (control) and NSDHL knockout (KO) 293T cells, using NSDHL antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-NSDHL antibody	Background: The protein encoded by this gene is localized in the endoplasmic reticulum and is involved in cholesterol biosynthesis. Mutations in this gene are associated with CHILD syndrome, which is a X-linked dominant disorder of lipid metabolism with disturbed cholesterol biosynthesis, and typically lethal in males. Alternatively spliced transcript variants with differing 5' UTR have been found for this gene.
Product Categories/Family for anti-NSDHL antibody	Endocrine & Metabolism; Lipid Metabolism; Cholesterol Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	8488997
NCBI GeneID	50814
UniProt Accession #	Q15738; O00344; D3DWT6
Molecular Weight	373
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; protein H105e3; short chain dehydrogenase/reductase family 31E, member 1
UniProt Protein Name	Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating
UniProt Gene Name	NSDHL
UniProt Synonym Gene Names	H105E3
UniProt Entry Name	NSDHL_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/nsdhl-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281711>