

# [KO Validated] NSDHL Rabbit pAb

Catalog No.: A16893 **KO** Validated

## Basic Information

### Observed MW

40kDa

### Calculated MW

42kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## 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.

## Recommended Dilutions

|               |                |
|---------------|----------------|
| <b>WB</b>     | 1:500 - 1:1000 |
| <b>IHC-P</b>  | 1:50 - 1:200   |
| <b>IF/ICC</b> | 1:50 - 1:200   |

## Immunogen Information

### Gene ID

50814

### Swiss Prot

Q15738

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-240 of human NSDHL (NP\_057006.1).

### Synonyms

H105E3; XAP104; SDR31E1; HL

## Contact

|  |  |  |
|--|--|--|
|  |  | 400-999-6126   |
|  |  | <a href="mailto:cn.market@abclonal.com.cn">cn.market@abclonal.com.cn</a> |
|  |  | <a href="http://www.abclonal.com.cn">www.abclonal.com.cn</a>             |

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

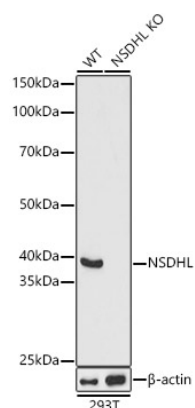
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of lysates from wild type (WT) and NSDHL knockout (KO) 293T (KO) cells, using [KO Validated] NSDHL Rabbit pAb (A16893) at 1:1000 dilution.

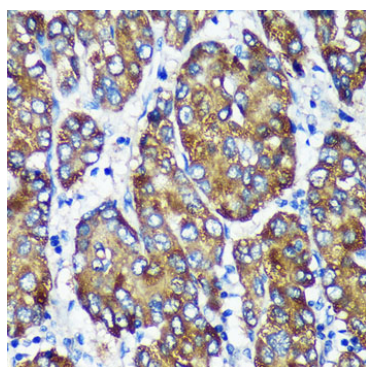
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

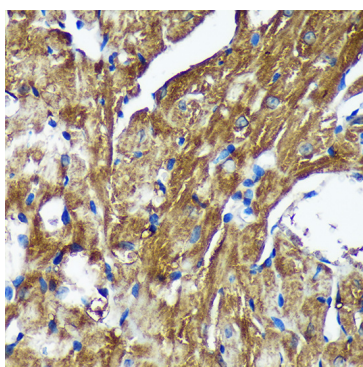
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

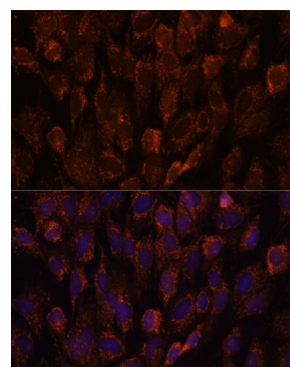
Exposure time: 1s.



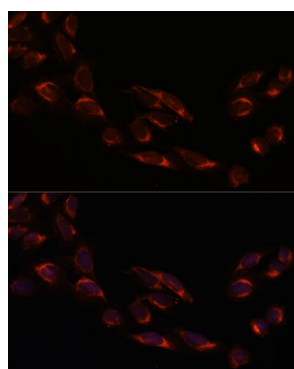
Immunohistochemistry analysis of NSDHL in paraffin-embedded Human liver cancer using [KO Validated] NSDHL Rabbit pAb (A16893) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of NSDHL in paraffin-embedded Mouse heart using [KO Validated] NSDHL Rabbit pAb (A16893) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunofluorescence analysis of C6 cells using [KO Validated] NSDHL Rabbit pAb (A16893) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using [KO Validated] NSDHL Rabbit pAb (A16893) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.