

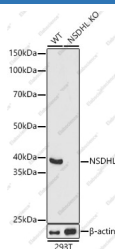
(KO Validated) NSDHL Polyclonal Antibody

catalog number: E-AB-91649

Note: Centrifuge before opening to ensure complete recovery of vial contents.

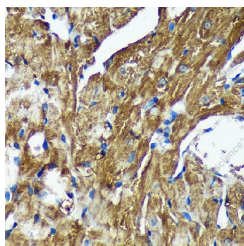
Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human NSDHL
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200
IF	1:50-1:200

Data

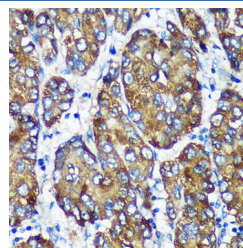
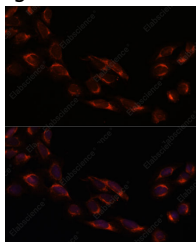


Western blot analysis of extracts from wild type(WT) and NSDHL knockout (KO) 293T(KO) cells, using NSDHL Polyclonal Antibody at 1:1000 dilution.

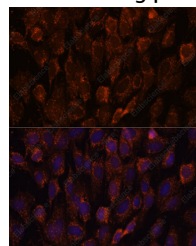
Observed-MW:40 kDa
Calculated-MW:41 kDa



Immunohistochemistry of paraffin-embedded Mouse heart using [KO Validated] NSDHL Polyclonal Antibody 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 of paraffin-embedded Human liver cancer using [KO Validated] NSDHL Polyclonal Antibody 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 NSDHL Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

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Email: techsupport@elabscience.com

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Rev. V1.8

Immunofluorescence analysis of U2OS cells using
NSDHL Polyclonal Antibody at dilution of 1:100. Blue:
DAPI for nuclear staining.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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 CHLD 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.

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