

Anti-NSDHL Rabbit Monoclonal Antibody

Catalog # ABO16530

Product Information

Application	WB, IP
Primary Accession	Q15738
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-NSDHL Rabbit Monoclonal Antibody . Tested in WB, IP applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	50814
Other Names	Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating, 1.1.1.170, Protein H105e3, NSDHL, H105E3
Calculated MW	41900
Application Details	WB 1:500-1:2000 IP 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 30N66
Immunogen	A synthesized peptide derived from human NSDHL
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	NSDHL
Synonyms	H105E3
Function	Catalyzes the NAD(P)(+)-dependent oxidative decarboxylation of the C4 methyl groups of 4-alpha-carboxysterols in post-squalene cholesterol

biosynthesis (By similarity). Also plays a role in the regulation of the endocytic trafficking of EGFR (By similarity).

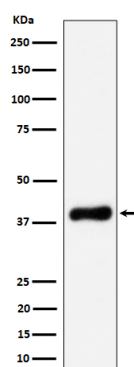
Cellular Location

Endoplasmic reticulum membrane; Single-pass membrane protein. Lipid droplet {ECO:0000250|UniProtKB:Q9R1J0} Note=Trafficking through the Golgi is necessary for ER membrane localization. {ECO:0000250|UniProtKB:Q9R1J0}

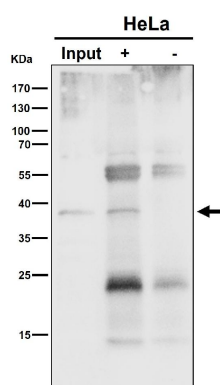
Tissue Location

Brain, heart, liver, lung, kidney, skin and placenta

Images



Western blot analysis of NSDHL expression in HeLa cell lysate.



Immunoprecipitate (IP) analysis using the Antibody at 1:50 dilution. (wb at 1:1K dilution)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.