

KD-Validated Anti-NSDHL Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1609

Product Information

Application	WB, FC, ICC
Primary Accession	Q15738
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB485
Calculated MW	41900
Gene Name	NSDHL
Aliases	NAD(P) Dependent Steroid Dehydrogenase-Like; SDR31E1; XAP104; H105e3; Sterol-4-Alpha-Carboxylate 3-Dehydrogenase, Decarboxylating; Short Chain Dehydrogenase/Reductase Family 31E, Member 1; Protein H105e3; EC 1.1.1.170; NAD(P) Dependent Steroid Dehydrogenase-Like Protein Transcript; Epididymis Secretory Sperm Binding Protein; H105E3
Immunogen	A synthesized peptide derived from human NSDHL

Additional Information

Gene ID	50814
Other Names	Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating, 1.1.1.170, Protein H105e3, NSDHL, H105E3

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

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