

NSDHL recombinant antibody

NSDHL Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279002	HEK293F Cell	Human	Immunohistochemistry, Western Blot, ELISA

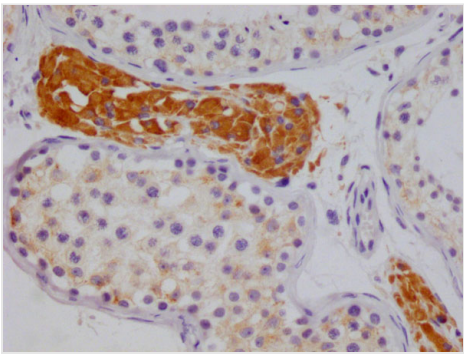
PRODUCT SYNONYMS

NSDHL; Monoclonal Recombinant Antibody; NSDHL Recombinant Monoclonal Antibody; Sterol-4-alpha-carboxylate 3-dehydrogenase; decarboxylating (EC 1.1.1.170)(Protein H105e3); H105E3; NSDHL recombinant antibody

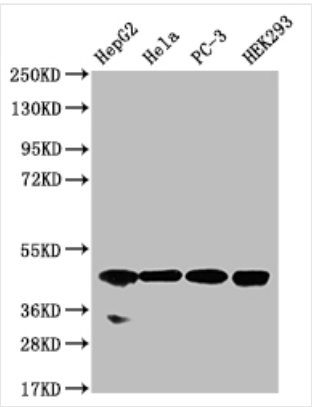
PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	20F2
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for NSDHL recombinant antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human NSDHL
Conjugation	Non-conjugated
Research Area	Cancer; Cardiovascular; Metabolism; Signal transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
IHC image of AAA279002 diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)
Western BlotPositive WB detected in: HepG2 whole cell lysate, HeLa whole cell lysate, PC-3 whole cell lysate, HEK293 whole cell lysateAll lanes: NSDHL antibody at 1:1000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 42 kDaObserved band size: 42 kDa

ADDITIONAL INFORMATION

Related Product Information for NSDHL recombinant antibody	Catalyzes the NAD(P)(+)-dependent oxidative decarboxylation of the C4 methyl groups of 4- α -carboxysterols in post-squalene cholesterol biosynthesis (By similarity). Plays also a role in the regulation of the endocytic trafficking of EGFR (By similarity). {ECO:0000250 UniProtKB:Q9R1J0}.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8488997
NCBI GeneID	50814
UniProt Accession #	Q15738; O00344; D3DWT6
Molecular Weight	373
NCBI Official Full Name	Sterol-4- α -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- α -carboxylate 3-dehydrogenase, decarboxylating; protein H105e3; short chain dehydrogenase/reductase family 31E, member 1
UniProt Protein Name	Sterol-4- α -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.