

Anti-NSDHL Antibody (1Q116)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	1Q116
Purification:	Affinity-chromatography

Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none">-Positive WB detected in: HepG2 whole cell lysate, Hela whole cell lysate, PC-3 whole cell lysate, HEK293 whole cell lysate-All lanes: NSDHL antibody at 1:1000-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution-Predicted band size: 42 kDa <p>-Observed band size: 42 kDa</p> <p>2. IHC image of TMAH-00828 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.</p>
Application:	ELISA, WB, IHC
Recommended	WB:1:500-1:2000; IHC:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human NSDHL
Antigen Species:	Human
Gene ID:	50814
Uniprot ID:	Q15738
Synonyms:	EC 1.1.1.170;decarboxylating;Sterol-4-alpha-carboxylate 3-dehydrogenase;H105E3;Protein H105e3
Biology Area:	Cancer, Cardiovascular, Metabolism, Signal transduction

Research Background

Catalyzes the NAD(P)(+)-dependent oxidative decarboxylation of the C4 methyl groups of 4-alpha-carboxysterols in post-squalene cholesterol biosynthesis. Plays also a role in the regulation of the endocytic trafficking of EGFR.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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