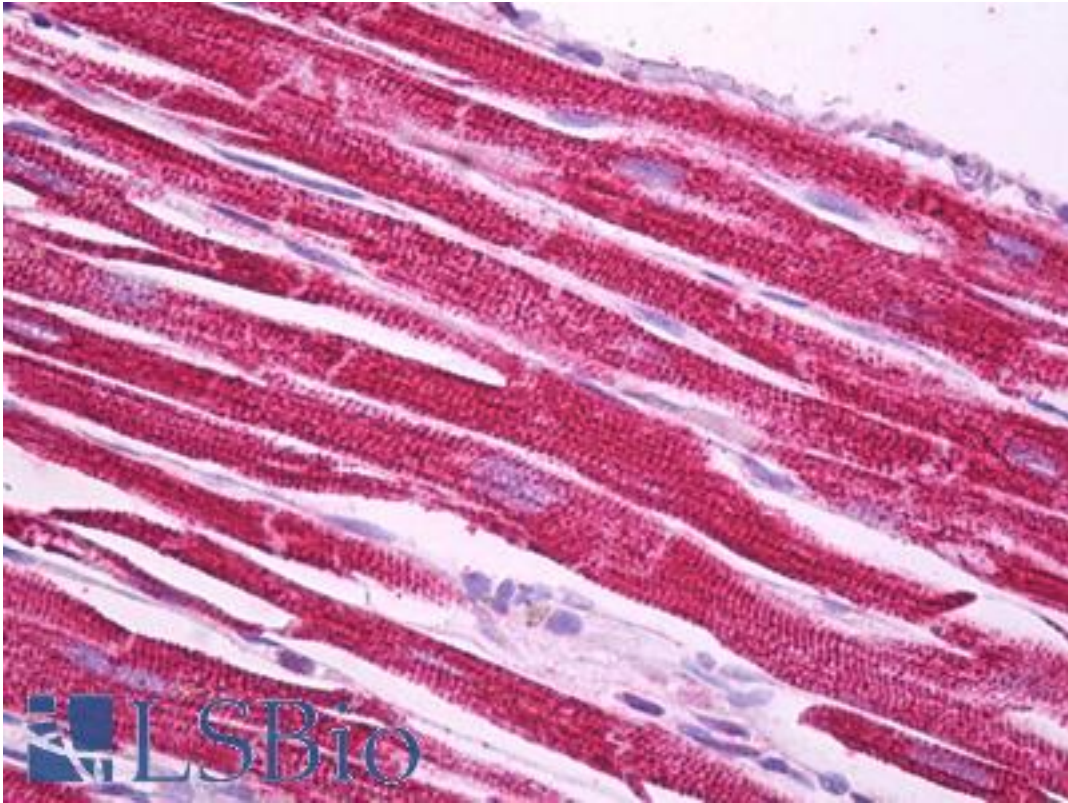


NDUFS1 Goat anti-Human Polyclonal (Internal) Antibody - LS-B7317 - LSBio	
CatalogID:	LS-B7317
Validation:	This antibody replaces catalog number LS-C113023. It has been validated for use in the following assays: IHC-P.
Target:	NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa (NADH-coenzyme Q reductase) (NDUFS1)
Synonyms:	NDUFS1 Antibody, CI-75Kd Antibody, CI-75k Antibody, Complex I 75kDa subunit Antibody, PRO1304 Antibody, Complex I-75kD Antibody
Host	NDUFS1 antibody was produced in Goat
Clonality:	Polyclonal
Immunogen Species:	NDUFS1 antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	NDUFS1 antibody was raised against synthetic peptide C-TEKSATYVNTEGR from an internal region of human NDUFS1 (NP_004997.4). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Goat, Hamster, Elephant, Panda, Dog, Bat, Bovine, Horse, Rabbit, Pig, Opossum, Platypus, Xenopus, Seq squirt (100%); Turkey, Chicken, Sea anemone, Magnaporthe, Rhodopseudomonas, Arthrobotrys (92%).
Specificity:	Human NDUFS1.
Epitope:	Internal
Reactivity:	Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Mouse, Rat, Bat, Bovine, Dog, Goat, Hamster, Horse, Pig, Rabbit, Xenopus
Predicted Reactivity:	Chicken
Purification:	Immunoaffinity purified
Presentation:	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Recommended Storage:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.
Usage Summary:	Peptide ELISA: antibody detection limit dilution 1:64000. Western blot: Approx 80kDa band observed in Human Heart and Mouse Heart lysates (calculated MW of 79.5kDa according to NP_004997.4). Recommended concentration: 0.3-1 ug/ml.
Uses:	IHC - Paraffin (5 µg/ml), Western blot (0.3 - 1 µg/ml), ELISA (1:64000) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.5 mg/ml

Immunohistochemistry Image:



Anti-NDUFS1 antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B7317 concentration 5 ug/ml.

Western Blot Image:



NDUFS1 antibody (0.3 ug/ml) staining of Human Heart lysate (35 ug protein/ml in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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