SunLong Biotech Co.,LTD
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[Primary Antibody]

Recombinant Rabbit Anti-NDUFS3 Monoclonal Antibody

Catalog Number: SLA1672M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	11F3
GeneID:	4722
SWISS:	O75489
Target:	NDUFS3
Immunogen:	A synthesized peptide derived from human NDUFS3
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IHC-P (1:50-200) IHC-F (1:50-200) IF (1:50-200) IP (1:20-50) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	30 kDa
Subcellular Location:	Cytoplasm
Background:	Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) which catalyzes electron transfer from NADH through the respiratory chain, using ubiquinone as an electron acceptor.Essential for the catalytic activity and assembly of complex I.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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[VALIDATION IMAGES]

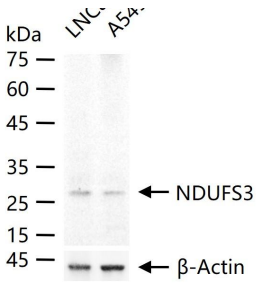


Figure 1. 25 ug total protein per lane of various lysates (see on figure) probed with NDUFS3 monoclonal antibody, unconjugated (SLA1672M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

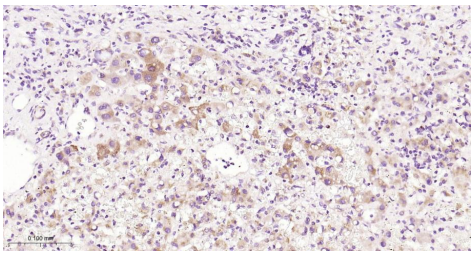


Figure 2. Paraformaldehyde-fixed, paraffin embedded Human Liver Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with NDUFS3 Monoclonal Antibody, Unconjugated (SLA1672M) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.

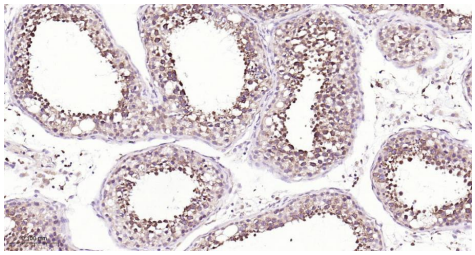


Figure 3. Paraformaldehyde-fixed, paraffin embedded Human Testicles; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with NDUFS3 Monoclonal Antibody, Unconjugated (SLA1672M) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.

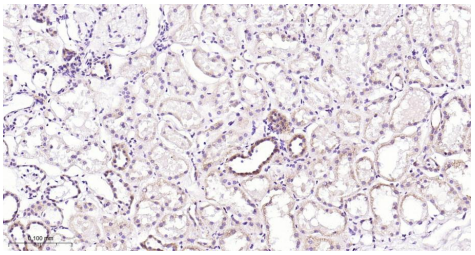


Figure 4. Paraformaldehyde-fixed, paraffin embedded Human Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with NDUFS3 Monoclonal Antibody, Unconjugated (SLA1672M) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.

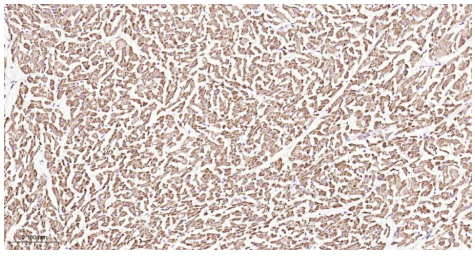


Figure 5. Paraformaldehyde-fixed, paraffin embedded Human Heart; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with NDUFS3 Monoclonal Antibody, Unconjugated (SLA1672M) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining.
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