

Product Datasheet

NDUFS3 Antibody (1D6) - Azide and BSA Free H00004722-M02-100ug

Unit Size: 100 ug

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00004722-M02-100ug

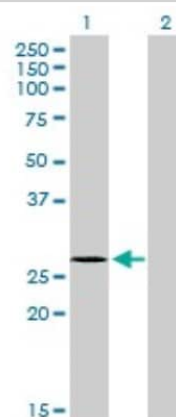
NDUFS3 Antibody (1D6) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1D6
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	4722
Gene Symbol	NDUFS3
Species	Human
Specificity/Sensitivity	NDUFS3 - NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30kDa (NADH-coenzyme Q reductase)
Immunogen	NDUFS3 (AAH00617, 1 a.a. ~ 264 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MAAAVARLWWRGILGASALTRGTGRPSVLLLPVRRESAGADTRPTVRPRND VAHKQLSAFGEYVAEILPKYVQQVQVSCFNELEVCIHPDGVIPVLTFLRDHTNA QFKSLVDLTAVDVPTRQNRFEIVYNLLSLRFNSRIRVKTYTDELTPIESAVSVFKA ANWYEREIWDMMFGVFFANHPDLRRILTDYGFEGHPFRKDFPLSGYVELRYDDE VKRVVAEPVELAQEFKFDLNSPWEAFPVYRQPPESLKLKLEAGDKKPKDAK
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin, Knockdown Validated
Application Notes	Antibody reactivity against recombinant protein for WB. It has been used for IHC-P, ELISA and RNAi Validation.

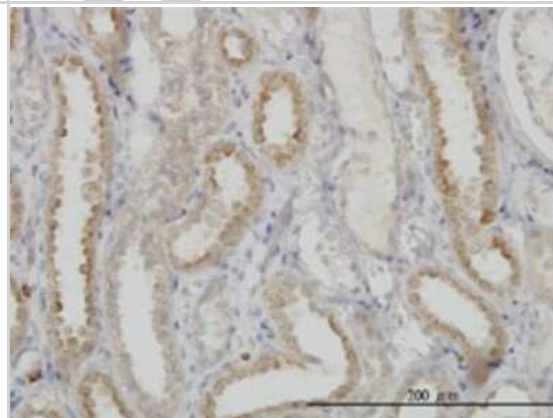


Images

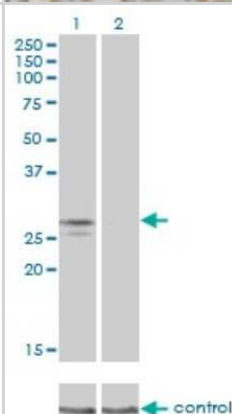
Western Blot: NDUFS3 Antibody (1D6) [H00004722-M02] - Analysis of NDUFS3 expression in transfected 293T cell line by NDUFS3 monoclonal antibody (M02), clone 1D6. Lane 1: NDUFS3 transfected lysate (30.2 KDa). Lane 2: Non-transfected lysate.



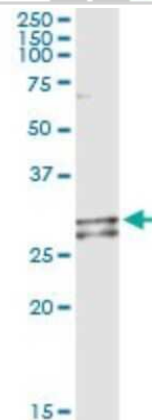
Immunohistochemistry-Paraffin: NDUFS3 Antibody (1D6) [H00004722-M02] - Analysis of monoclonal antibody to NDUFS3 on formalin-fixed paraffin-embedded human kidney. Antibody concentration 3 ug/ml.



Western Blot: NDUFS3 Antibody (1D6) [H00004722-M02] - Analysis of NDUFS3 over-expressed 293 cell line, cotransfected with NDUFS3 Validated Chimera RNAi (Cat # H00004722-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with NDUFS3 monoclonal antibody (M02), clone 1D6 (Cat # H00004722-M02). GAPDH (36.1 kDa) used as specificity and loading control.



Immunoprecipitation: NDUFS3 Antibody (1D6) [H00004722-M02] - Analysis of NDUFS3 transfected lysate using anti-NDUFS3 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with NDUFS3 MaxPab rabbit polyclonal antibody.



Publications

Cheng CW, Kuo CY, Fan CC et al. Overexpression of Lon contributes to survival and aggressive phenotype of cancer cells through mitochondrial complex I-mediated generation of reactive oxygen species. Cell Death Dis. 2013-06-20 [PMID: 23788038]



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Products Related to H00004722-M02-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP2-23266	Recombinant Human NDUFS3 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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