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NDUFS3 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant NDUFS3.
Catalog # AT3006a

Product Information

Application	WB, IHC, IP
Primary Accession	O75489
Other Accession	BC000617
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	1D6
Calculated MW	30242

Additional Information

Gene ID	4722
Other Names	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial, Complex I-30kD, CI-30kD, NADH-ubiquinone oxidoreductase 30 kDa subunit, NDUFS3
Target/Specificity	NDUFS3 (AAH00617, 1 a.a. ~ 264 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IP~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	NDUFS3 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

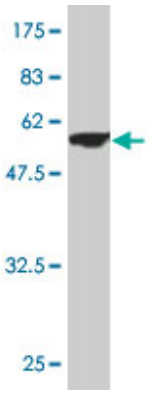
Background

This gene encodes one of the iron-sulfur protein (IP) components of mitochondrial NADH:ubiquinone oxidoreductase (complex I). Mutations in this gene are associated with Leigh syndrome resulting from mitochondrial complex I deficiency.

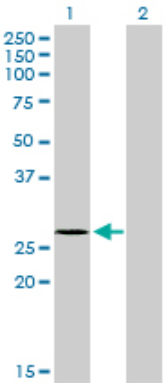
References

1.Overexpression of Lon contributes to survival and aggressive phenotype of cancer cells through mitochondrial complex I-mediated generation of reactive oxygen species.Cheng CW, Kuo CY, Fan CC, Fang

Images

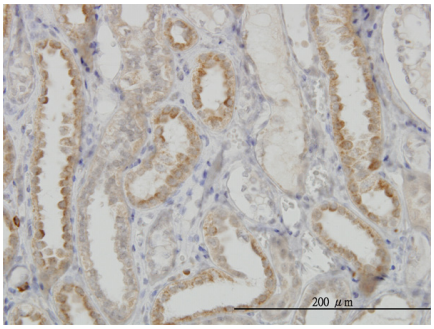


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (54.56 KDa) .

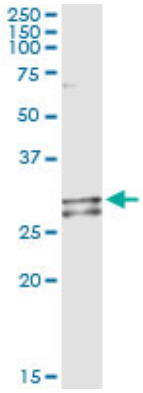


Western Blot analysis of NDUFS3 expression in transfected 293T cell line by NDUFS3 monoclonal antibody (M02), clone 1D6.

Lane 1: NDUFS3 transfected lysate(30.2 KDa).
Lane 2: Non-transfected lysate.

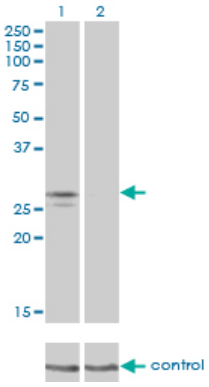


Immunoperoxidase of monoclonal antibody to NDUFS3 on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]



Immunoprecipitation of NDUFS3 transfected lysate using anti-NDUFS3 monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with NDUFS3 MaxPab rabbit polyclonal antibody.

Western blot analysis of NDUFS3 over-expressed 293 cell line, cotransfected with NDUFS3 Validated Chimera RNAi ((Cat # AT3006a)



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.