

ARG65311 anti-NDUFS6 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes NDUFS6
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Cow, Dog
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	NDUFS6
Species	Human
Immunogen	C-RIRFVGRQKEVNEN
Conjugation	Un-conjugated
Alternate Names	NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial; CI13KDA; CI-13kA; CI-13kD-A; Complex I-13kD-A; NADH-ubiquinone oxidoreductase 13 kDa-A subunit

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.01 - 0.03 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Background

This gene encodes a subunit of the NADH:ubiquinone oxidoreductase (complex I), which is the first enzyme complex in the electron transport chain of mitochondria. This complex functions in the transfer of electrons from NADH to the respiratory chain. The subunit encoded by this gene is one of seven subunits in the iron-sulfur protein fraction. Mutations in this gene cause mitochondrial complex I deficiency, a disease that causes a wide variety of clinical disorders, including neonatal disease and adult-onset neurodegenerative disorders.[provided by RefSeq, Oct 2009]

Highlight

Related products:

[NDUFS6 antibodies](#); [Anti-Goat IgG secondary antibodies](#);

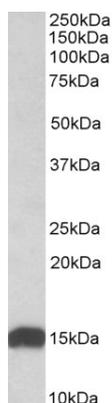
Related poster download:

[The Structure & Functions of Mitochondria.pdf](#)

Research Area
Calculated Mw

Cancer antibody; Controls and Markers antibody; Metabolism antibody; Signaling Transduction antibody
14 kDa

Images



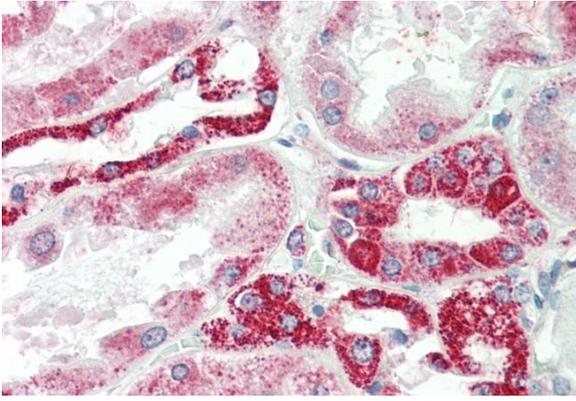
ARG65311 anti-NDUFS6 antibody WB image

Western Blot: Human Heart lysate (35 μ g protein in RIPA buffer) stained with ARG65311 anti-NDUFS6 antibody at 0.01 μ g/ml dilution.



ARG65311 anti-NDUFS6 antibody WB image

Western Blot: Mouse (A) and Rat (B) Heart lysates (35 μ g protein in RIPA buffer) stained with ARG65311 anti-NDUFS6 antibody at 0.1 μ g/ml dilution.



ARG65311 anti-NDUFS6 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human kidney tissue.
Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG65311 anti-NDUFS6 antibody at 5 µg/ml dilution followed by AP-staining.