

ARG43967 anti-NDUFAF4 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NDUFAF4
Tested Reactivity	Hu
Tested Application	ELISA, FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NDUFAF4
Species	Human
Immunogen	Human NDUFAF4 recombinant protein
Conjugation	Un-conjugated
Alternate Names	NDUFAF4; NADH:Ubiquinone Oxidoreductase Complex Assembly Factor 4; HRPAP20; BA22L21.1; HSPC125; C6orf66; My013; NADH Dehydrogenase (Ubiquinone) 1 Alpha Subcomplex, Assembly Factor 4 ; NADH Dehydrogenase [Ubiquinone] 1 Alpha Subcomplex Assembly Factor 4; NADH Dehydrogenase (Ubiquinone) Complex I, Assembly Factor 4; Hormone-Regulated Proliferation-Associated Protein Of 20 KDa; Hormone-Regulated Proliferation-Associated Protein, 20 KDa; Chromosome 6 Open Reading Frame 66; MC1DN15

Application Instructions

Application table	Application	Dilution
	ELISA	0.1-0.5 µg/ml
	FACS	1-3 µg /1x10 ⁶ cells
	ICC/IF	5 µg/ml
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
	Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

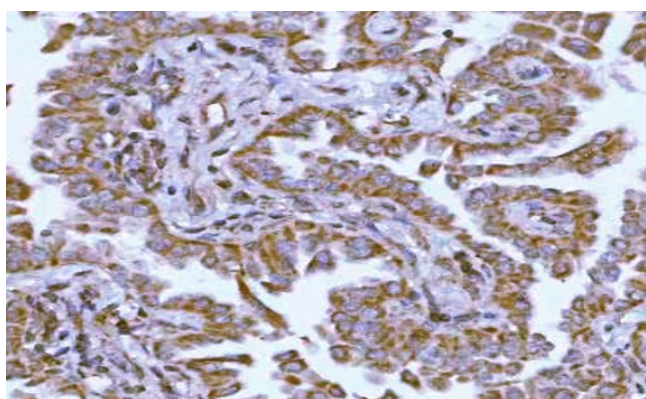
Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml

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

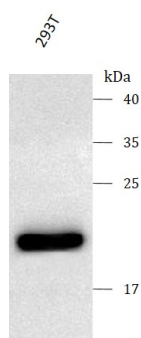
Gene Symbol	NDUFAF4
Gene Full Name	NADH:Ubiquinone Oxidoreductase Complex Assembly Factor 4
Background	NADH:ubiquinone oxidoreductase (complex I) catalyzes the transfer of electrons from NADH to ubiquinone (coenzyme Q) in the first step of the mitochondrial respiratory chain, resulting in the translocation of protons across the inner mitochondrial membrane. This gene encodes a complex I assembly factor. Mutations in this gene are a cause of mitochondrial complex I deficiency.
Function	Involved in the assembly of mitochondrial NADH:ubiquinone oxidoreductase complex (complex I)
Calculated Mw	20 kDa
PTM	Lipoprotein, Myristate, Phosphoprotein
Cellular Localization	Membrane, Mitochondrion

Images



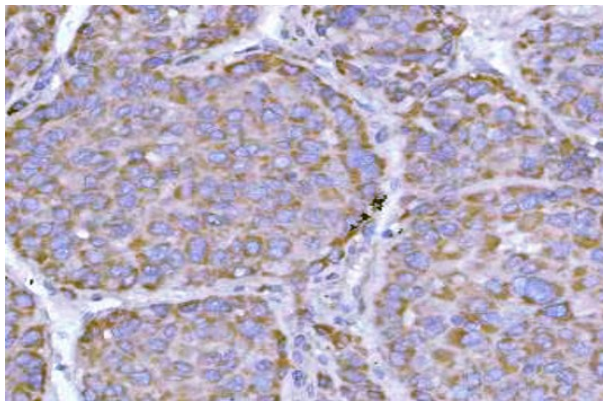
ARG43967 anti-NDUFAF4 antibody IHC-P image

Immunohistochemistry: Human lung adenocarcinoma stained with ARG43967 anti-NDUFAF4 antibody at 2 µg/ml dilution.



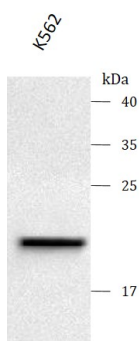
ARG43967 anti-NDUFAF4 antibody WB image

Western blot: 293T stained with ARG43967 anti-NDUFAF4 antibody at 0.5 µg/mL dilution.



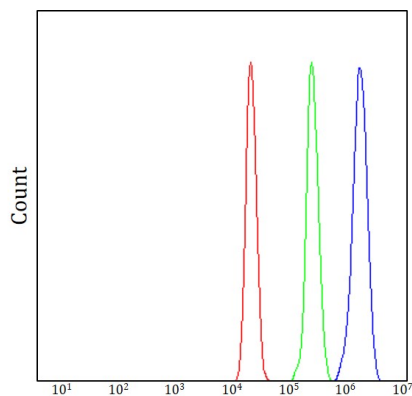
ARG43967 anti-NDUF4 antibody IHC-P image

Immunohistochemistry: Human liver cancer with ARG43967 anti-NDUF4 antibody at 2 $\mu\text{g}/\text{ml}$ dilution.



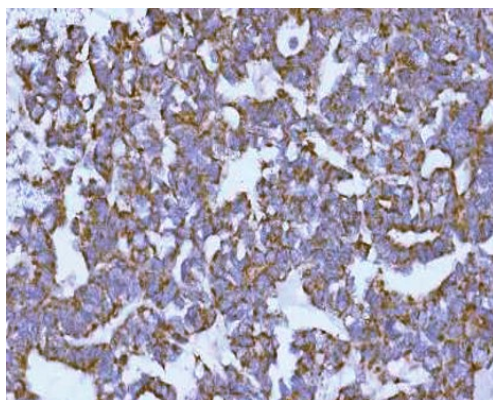
ARG43967 anti-NDUF4 antibody WB image

Western blot: K562 stained with ARG43967 anti-NDUF4 antibody at 0.5 $\mu\text{g}/\text{mL}$ dilution.



ARG43967 anti-NDUF4 antibody FACS image

Flow Cytometry: U937 cells stained with ARG43967 anti-NDUF4 antibody (blue) at 1 $\mu\text{g}/1 \times 10^6$ cells dilution.



ARG43967 anti-NDUF4 antibody IHC-P image

Immunohistochemistry: Human ovarian tumor with ARG43967 anti-NDUF4 antibody at 2 $\mu\text{g}/\text{ml}$ dilution.