

ARG65289 anti-NDUFS8 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes NDUFS8
Tested Reactivity	Ms, Rat
Predict Reactivity	Hu, Dog
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	NDUFS8
Species	Human
Immunogen	C-EAEIAANIQAD
Conjugation	Un-conjugated
Alternate Names	EC 1.6.5.3; TYKY; NADH-ubiquinone oxidoreductase 23 kDa subunit; CI-23k; NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial; CI23KD; Complex I-23kD; EC 1.6.99.3; CI-23kD; TYKY subunit

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

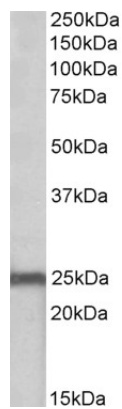
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage 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

Database links	GeneID: 225887 Mouse Swiss-port # Q8K3J1 Mouse
Background	This gene encodes a subunit of mitochondrial NADH:ubiquinone oxidoreductase, or Complex I, a multimeric enzyme of the respiratory chain responsible for NADH oxidation, ubiquinone reduction, and the ejection of protons from mitochondria. The encoded protein is involved in the binding of two of the six to eight iron-sulfur clusters of Complex I and, as such, is required in the electron transfer process. Mutations in this gene have been associated with Leigh syndrome. [provided by RefSeq, Mar 2010]
Research Area	Cancer antibody; Controls and Markers antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	24 kDa

Images



ARG65289 anti-NDUFS8 antibody WB image

Western Blot: Mouse Heart lysate (35 μ g protein in RIPA buffer) stained with ARG65289 anti-NDUFS8 antibody at 0.1 μ g/ml dilution.