

Anti-NDUFS5 Antibody

Catalog Number: A04093

About NDUFS5

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

Mao M., Proc. Natl. Acad. Sci. U.S.A. 95:8175-8180(1998).

Loeffen J., J. Inherit. Metab. Dis. 22:19-28(1999).<

Overview

| | |
|----------------------|--|
| Product Name | Anti-NDUFS5 Antibody |
| Reactive Species | Human |
| Description | Boster Bio Anti-NDUFS5 Antibody (Catalog # A04093). Tested in WB, IHC applications. This antibody reacts with Human. |
| Application | IHC, WB |
| Clonality | Polyclonal |
| Formulation | Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | O43920 |

Technical Details

| | |
|----------------------------|---|
| Immunogen | Synthesized peptide derived from internal of human NDUFS5. |
| Predicted Reactive Species | Boar, Bovine, Canine, Golden Hamster |
| Isotype | IgG |
| Form | Liquid |
| Concentration | 1 mg/ml |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

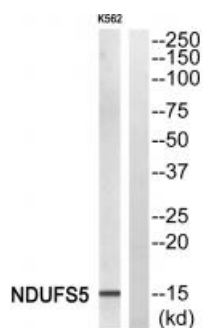
Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

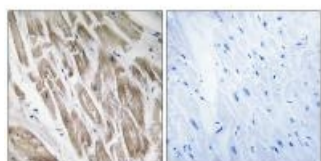
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

Anti-NDUFS5 Antibody (A04093) Images



Western blot analysis of extracts from K562 cells, using NDUFS5 antibody A04093.



Immunohistochemistry analysis of paraffin-embedded human heart tissue using NDUFS5 antibody A04093.

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