

## Anti-NDUFS2 Antibody (Center)

Catalog Number: A05618-1

### About NDUFS2

NDUFS2 is a core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (complex I). Mammalian mitochondrial complex I is composed of at least 43 different subunits, 7 of which are encoded by the mitochondrial genome, and the rest are the products of nuclear genes. The iron-sulfur protein fraction of complex I is made up of 7 subunits, including this gene product. Complex I catalyzes the NADH oxidation with concomitant ubiquinone reduction and proton ejection out of the mitochondria.

### Overview

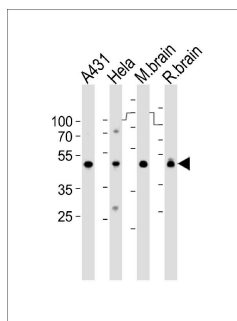
Product Name	Anti-NDUFS2 Antibody (Center)
Reactive Species	Human, Mouse
Description	Boster Bio Anti-NDUFS2 Antibody (Center) (Catalog # A05618-1). Tested in WB, IHC-P application(s). This antibody reacts with Human, Mouse.
Application	IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O75306

### Technical Details

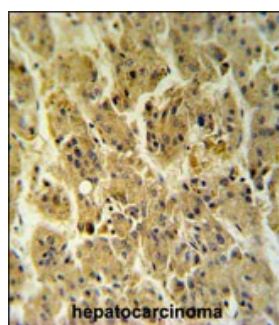
Immunogen	This NDUFS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 286-315 amino acids from the Central region of human NDUFS2.
Predicted Reactive Species	Bovine, Rat
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
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: WB: 1:1000

	IHC-P: 1:50-1:100
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## Anti-NDUFS2 Antibody (Center) (A05618-1) Images



Western blot analysis of lysates from A431, Hela cell line, mouse brain and rat brain tissue lysate (from left to right), using NDUFS2 Antibody (Center). A05618-1 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



NDUFS2 Antibody (Center) (Cat. #A05618-1) IHC analysis in formalin fixed and paraffin embedded hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the NDUFS2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

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