

NDUFB5 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57387

Specification

NDUFB5 Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	O43674
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21750

NDUFB5 Polyclonal Antibody - Additional Information

Gene ID 4711

Other Names

NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5, mitochondrial, Complex I-SGDH, CI-SGDH, NADH-ubiquinone oxidoreductase SGDH subunit, NDUFB5

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

NDUFB5 Polyclonal Antibody - Protein Information

Name NDUFB5

Function

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.

Cellular Location

Mitochondrion inner membrane; Single-pass membrane protein; Matrix side

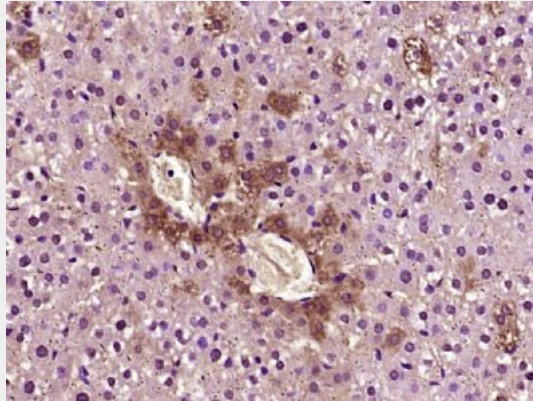
NDUFB5 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

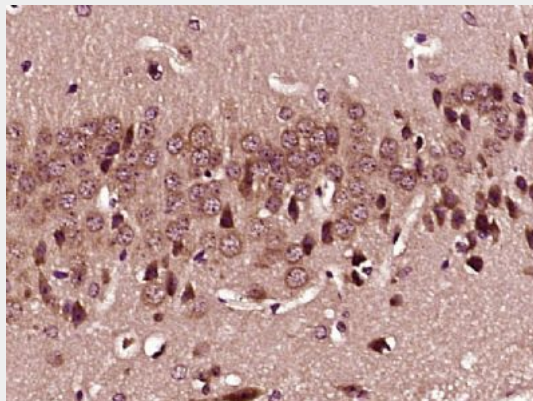
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NDUFB5 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (rat liver tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NDUFB5) Polyclonal Antibody, Unconjugated (bs-19084R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NDUFB5) Polyclonal Antibody, Unconjugated (bs-19084R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.