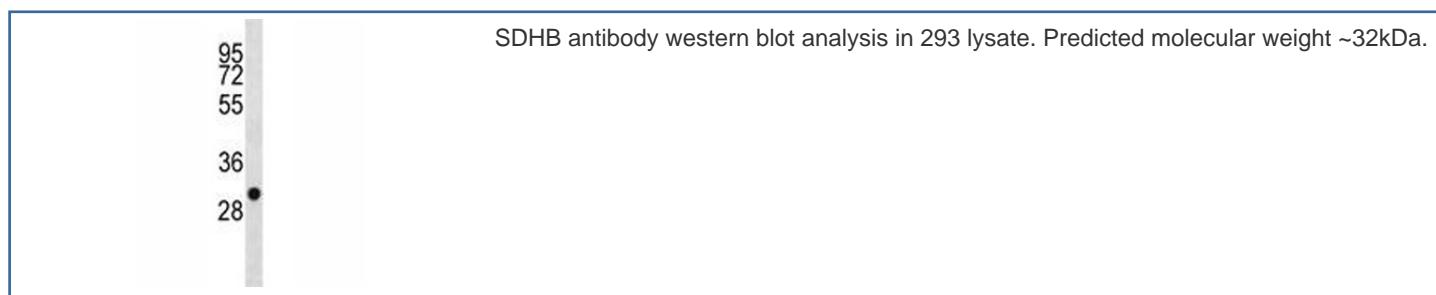


## SDHB Antibody (F47686)

Catalog No.	Formulation	Size
F47686-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47686-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Bovine, Mouse, Pig
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P21912
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	This SDHB antibody is available for research use only.



## Description

Complex II of the respiratory chain, which is specifically involved in the oxidation of succinate, carries electrons from FADH to CoQ. The complex is composed of four nuclear-encoded subunits and is localized in the mitochondrial inner membrane. The iron-sulfur subunit is highly conserved and contains three cysteine-rich clusters which may comprise the iron-sulfur centers of the enzyme. Sporadic and familial mutations in this gene result in paragangliomas and pheochromocytoma, and support a link between mitochondrial dysfunction and tumorigenesis.

## Application Notes

Titration of the SDHB antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 205-234 from the human protein was used as the immunogen for this SDHB antibody.

## Storage

Aliquot the SDHB antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.