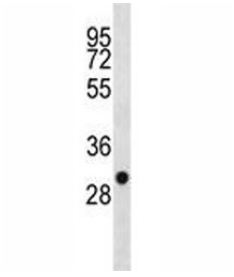
SDHB Antibody (F47686)

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

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



SDHB antibody western blot analysis in 293 lysate. Predicted molecular weight ~32kDa.

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.

Researchers studying succinate dehydrogenase expression and mitochondrial Complex II function can explore our SDHB Antibody page for additional reagents targeting the Complex II iron-sulfur subunit.

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.

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