

SDHB Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # Azb10040a**Specification**

SDHB Antibody (Center) - Product Information

Application	WB,E
Primary Accession	A5PL98
Other Accession	P21913 , Q007T0 , Q9COA3 , P21912 , Q9YHT2 , Q3T189
Reactivity	Human, Mouse, Rat, Zebrafish
Predicted	Bovine, Chicken, Pig
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	31, 630 Da Da
Antigen Region	137-162

SDHB Antibody (Center) - Additional Information**Gene ID** 562149**Other Names**

Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial, Iron-sulfur subunit of complex II, Ip, sdhb

Target/Specificity

This SDHB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 137-162 amino acids from the central region of human SDHB.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

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.

Precautions

SDHB Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SDHB Antibody (Center) - Protein Information

Name sdhb

Function Iron-sulfur protein (IP) subunit of the succinate dehydrogenase complex (mitochondrial respiratory chain complex II), responsible for transferring electrons from succinate to ubiquinone (coenzyme Q) (By similarity). SDH also oxidizes malate to the non- canonical enol form of oxaloacetate, enol-oxaloacetate. Enol- oxaloacetate, which is a potent inhibitor of the succinate dehydrogenase activity, is further isomerized into keto-oxaloacetate (By similarity).

Cellular Location

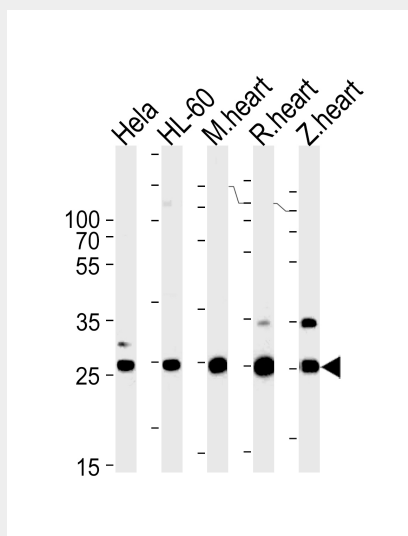
Mitochondrion inner membrane {ECO:0000250|UniProtKB:Q9YHT2}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q9YHT2}; Matrix side {ECO:0000250|UniProtKB:Q9YHT2}

SDHB Antibody (Center) - 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](#)

SDHB Antibody (Center) - Images



SDHB Antibody (Cat. #Azb10040a) western blot analysis in HeLa,HL-60 cell line,mouse heart,rat heart,zebra fish heart tissue lysates (35ug/lane).This demonstrates the SDHB antibody detected the SDHB protein (arrow).

SDHB Antibody (Center) - Background

Iron-sulfur protein (IP) subunit of succinate dehydrogenase (SDH) that is involved in complex II of the mitochondrial electron transport chain and is responsible for transferring electrons from succinate to ubiquinone (coenzyme Q) (By similarity).