

# (DANRE) sdhb Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # Azb18722a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">A5PL98</a>
<b>Reactivity</b>	Human, Rat, Mouse, Zebrafish
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB45552
<b>Calculated MW</b>	31740

## Additional Information

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<b>Gene ID</b>	562149
<b>Other Names</b>	Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial, Iron-sulfur subunit of complex II, Ip, sdhb
<b>Target/Specificity</b>	This (DANRE) sdhb antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 147-182 amino acids from the region of (DANRE) sdhb.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	(DANRE) sdhb Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	sdhb
<b>Function</b>	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).

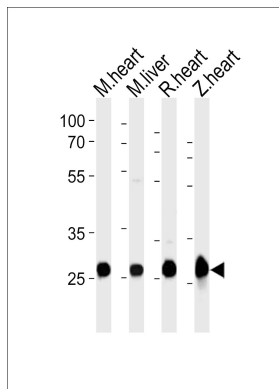
## Cellular Location

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

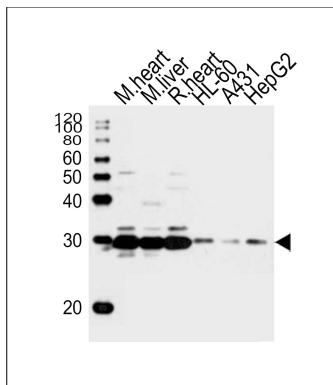
## Background

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).

## Images



Western blot analysis of lysates from mouse heart, mouse liver, rat heart, zebra fish heart tissue lysate (from left to right), using (DANRE) sdhb Antibody(Cat. #Azb18722a). Azb18722a 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.



Western blot analysis of lysates from mouse heart, mouse liver, rat heart tissue, HL-60, A431, HepG2 cell line (from left to right), using (DANRE) sdhb Antibody(Cat. #Azb18722a). Azb18722a 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.