

Datasheet for ABIN3032762  
**anti-SDHB antibody (AA 205-234)**



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2 Images

## Overview

Quantity:	0.4 mL
Target:	SDHB
Binding Specificity:	AA 205-234
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SDHB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	A portion of amino acids 205-234 from the human protein was used as the immunogen for this SDHB antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Bovine, Pig
Purification:	Antigen affinity purified

## Target Details

Target:	SDHB
Alternative Name:	SDHB ( <a href="#">SDHB Products</a> )
Background:	Complex II of the respiratory chain, which is specifically involved in the oxidation of succinate,

## Target Details

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.

UniProt: [P21912](#)

## Application Details

Application Notes: Titration of the SDHB antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Aliquot the SDHB antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

**Image 1.** SDHB antibody western blot analysis in 293 lysate



Western Blotting

**Image 2.** SDHB antibody western blot analysis in 293 lysate