

Rabbit SDHB Polyclonal Antibody | anti-SDHB antibody

SDHB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328722	Rabbit	Human, Mouse, RatPredicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus	Western Blot

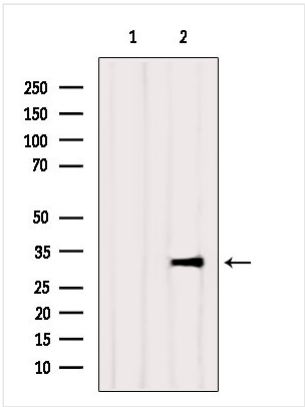
PRODUCT SYNONYMS

SDHB; Polyclonal Antibody; SDHB Antibody; CWS2; DHSB_HUMAN; FLJ92337; lp; Iron sulfur subunit; Iron sulfur subunit of complex II; Iron-sulfur subunit of complex II; mitochondrial; PGL 4; PGL4; SDH 1; SDH; SDH1; SDH2; homolog of; SdhB; SDHIP; Succinate dehydrogenase [ubiquinone] iron sulfur protein mitochondrial; Succinate dehydrogenase [ubiquinone] iron sulfur subunit; Succinate dehydrogenase [ubiquinone] iron-sulfur subunit; succinate dehydrogenase [ubiquinone] iron-sulfur subunit; Succinate Dehydrogenase 1 Iron Sulfur Subunit; Succinate Dehydrogenase 2; S. cerevisiae; Succinate dehydrogenase complex iron sulfur subunit B; Succinate dehydrogenase complex subunit B iron sulfur; Succinate Dehydrogenase Complex Subunit B Iron Sulfur Protein; succinate dehydrogenase complex; subunit B; iron sulfur (lp); Succinate dehydrogenase iron sulfur protein; anti-SDHB antibody

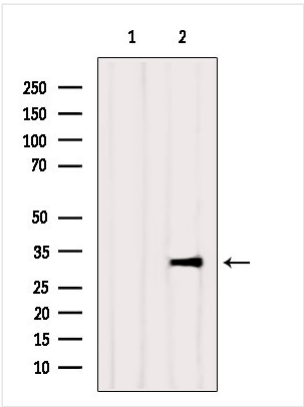
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	SDHB Antibody detects endogenous levels of SDHB.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	280
Applicable Applications for anti-SDHB antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human SDHB.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Mitochondrion
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from Rat brain, using SDHB Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells, using SDHB Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SDHB antibody	Description: 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).
	Subunit Structure: Component of complex II composed of four subunits: the flavoprotein (FP) SDHA, iron-sulfur protein (IP) SDHB, and a cytochrome b560 composed of SDHC and SDHD.
	Similarity: Belongs to the succinate dehydrogenase/fumarate reductase iron-sulfur protein family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20455488
NCBI GeneID	6390
UniProt Accession #	P21912
Molecular Weight	Observed: 32 kDa Predicted: 32 kDa
NCBI Official Full Name	Succinate dehydrogenase
NCBI Official Synonym Full Names	succinate dehydrogenase complex iron sulfur subunit B
NCBI Official Symbol	SDHB
NCBI Official Synonym Symbols	IP; SDH; CWS2; PGL4; SDH1; SDH2; SDHIP
NCBI Protein Information	succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial
UniProt Protein Name	Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial
UniProt Gene Name	SDHB
UniProt Synonym Gene Names	SDH; SDH1; Ip
UniProt Entry Name	SDHB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.