

SDHA Antibody

Catalog No: #32741

Package Size: #32741-1 50ul #32741-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

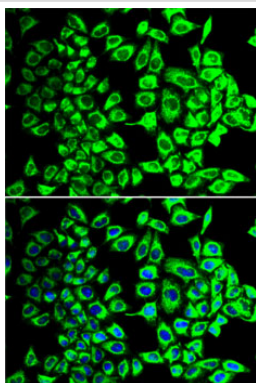
Description

Product Name	SDHA Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of total SDHA protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human SDHA.
Conjugates	Unconjugated
Target Name	SDHA
Other Names	FP; PGL5; SDH1; SDH2; SDHF
Accession No.	Swiss-Prot:P31040NCBI Gene ID:6389
SDS-PAGE MW	72KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

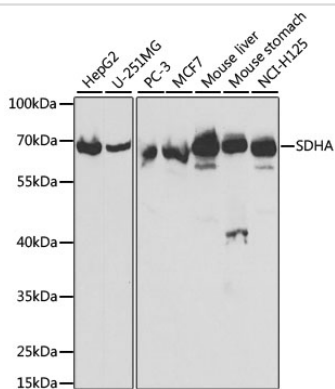
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:10 - 1:100

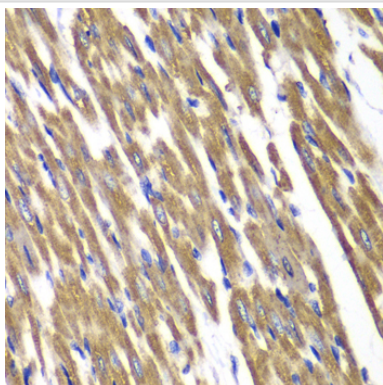
Images



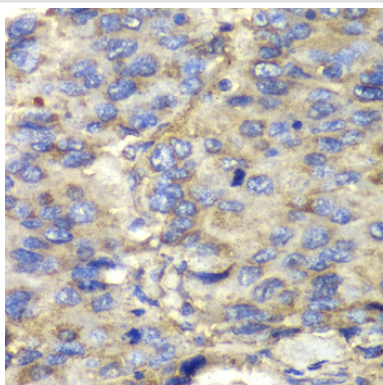
Immunofluorescence analysis of HeLa cells using SDHA antibody. Blue: DAPI for nuclear staining.



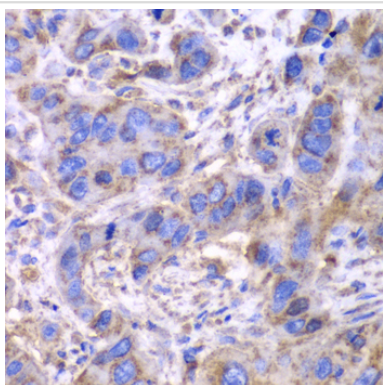
Western blot analysis of extracts of various cell lines, using SDHA antibody at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded rat heart using SDHA antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human liver cancer using SDHA antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human esophageal cancer using SDHA antibody at dilution of 1:100 (40x lens).

Background

This gene encodes a major catalytic subunit of succinate-ubiquinone oxidoreductase, a complex of the mitochondrial respiratory chain. The complex is composed of four nuclear-encoded subunits and is localized in the mitochondrial inner membrane. Mutations in this gene have been associated with a form of mitochondrial respiratory chain deficiency known as Leigh Syndrome. A pseudogene has been identified on chromosome 3q29.

Published Papers

Ziyan Huang;Ziyan Huang;Ziyan Huang;Ziyan Huang;Xinzhao Jiang;Xinzhao Jiang;Xinzhao Jiang;Xinzhao Jiang;Lichen Zhang;Lichen Zhang;Lichen Zhang;Lichen Zhang;Wei Wang;Wei Wang;Wei Wang;Wei Wang;Ziang Li;Ziang Li;Ziang Li;Ziang Li;Yiyang Huang;Yiyang Huang;Yiyang Huang;Yiyang Huang;Yichang Xu;Yichang Xu;Yichang Xu;Yichang Xu;Liang Zhou;Liang Zhou;Liang Zhou;Liang Zhou;Jie Wu;Jie Wu;Jie Wu;Jie Wu;Jincheng Tang;Jincheng Tang;Jincheng Tang;Jincheng Tang;Kun Xi;Kun Xi;Kun Xi;Kun Xi;Yu Feng;Yu Feng;Yu Feng;Yu Feng;Liang Chen;Liang Chen;Liang Chen;Liang Chen el at., Multifunctional manganese-based nanogels catalyze immune energy metabolism to promote bone repair, , (2025)
[PMID:](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.