Product Datasheet

SDHA Antibody

Catalog No: #32741

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

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

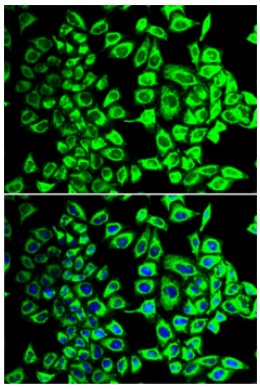
Description

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 Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

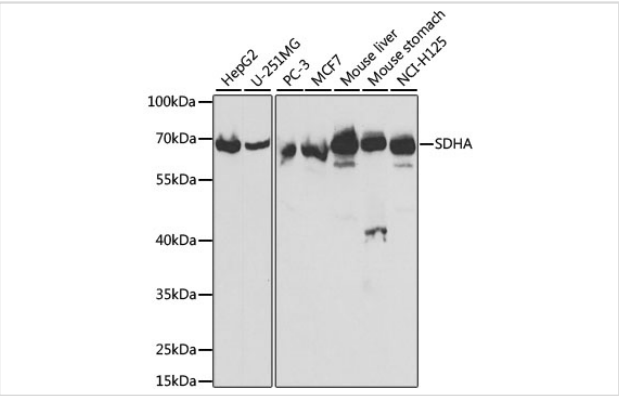
Application Details

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

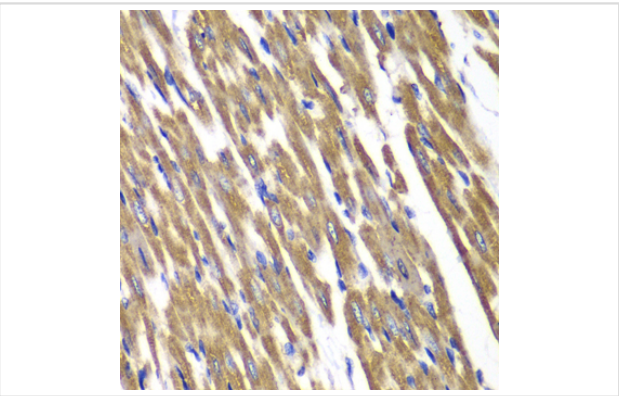
Images



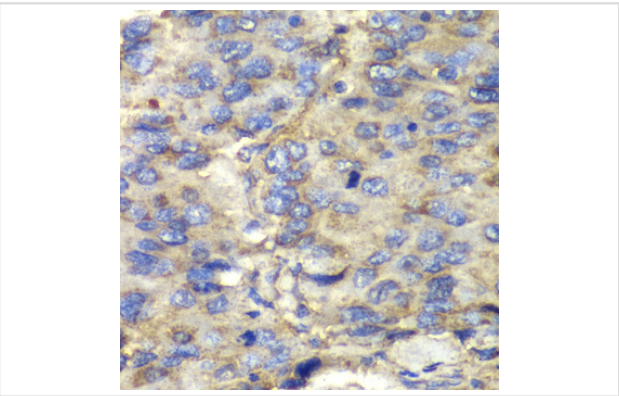
Immunofluorescence analysis of HeLa cells using SDHA .
Blue: DAPI for nuclear staining.



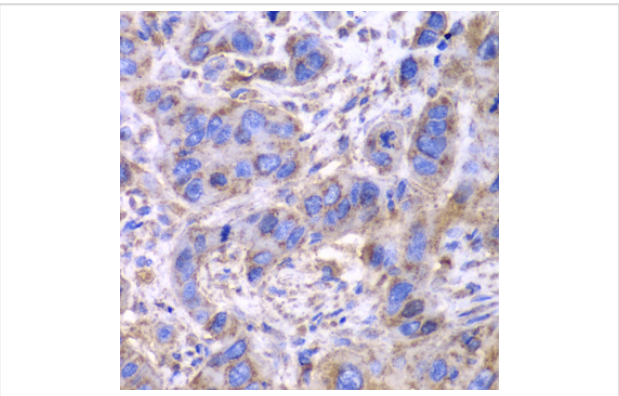
Western blot analysis of extracts of various cell lines, using SDHA at 1:1000 dilution.



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



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



Immunohistochemistry of paraffin-embedded human esophageal cancer using SDHA 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.