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SDHA Polyclonal Antibody
Catalog # AP72409

Specification

SDHA Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	P31040
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**

SDHA Polyclonal Antibody - Additional Information

Gene ID 6389

Other Names
SDHA; SDH2; SDHF; Succinate dehydrogenase [ubiquinone] flavoprotein subunit; mitochondrial; Flavoprotein subunit of complex II; Fp

Dilution
WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

SDHA Polyclonal Antibody - Protein Information

Name SDHA

Synonyms SDH2, SDHF

Function
Flavoprotein (FP) 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) (PubMed:10746566, PubMed:24781757). SDH also oxidizes malate to the non-canonical enol form of oxaloacetate, enol- oxaloacetate (By similarity). Enol-oxaloacetate, which is a potent inhibitor of the succinate dehydrogenase activity, is further isomerized into keto-oxaloacetate (By similarity). Can act as a tumor suppressor (PubMed:20484225).

Cellular Location
Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

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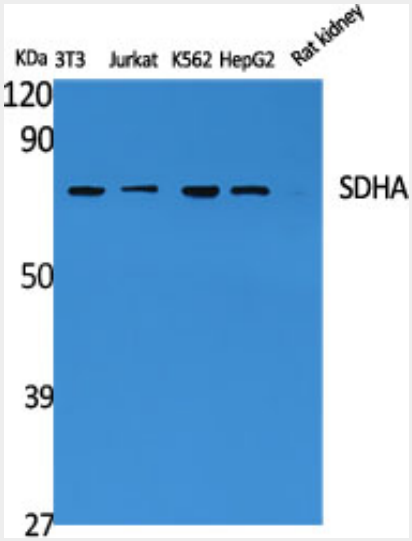
SDHA Polyclonal Antibody - Protocols

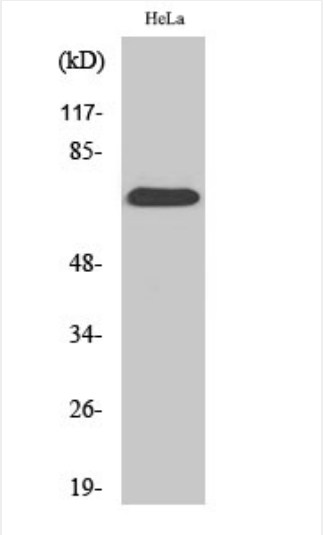
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SDHA Polyclonal Antibody - Images



Western Blot analysis of various cells using SDHA Polyclonal Antibody diluted at 1□2000



Western Blot analysis of HepG2 cells using SDHA Polyclonal Antibody diluted at 1□2000

SDHA Polyclonal Antibody - Background

Flavoprotein (FP) 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) (PubMed:24781757). Can act as a tumor suppressor (PubMed:20484225).