

Note: Centrifuge before opening to ensure complete recovery of vial contents.

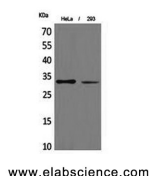
Description

Reactivity	Human,Mouse,Rat
Immunogen	Synthesized peptide derived from the Internal region of human SDHB.
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

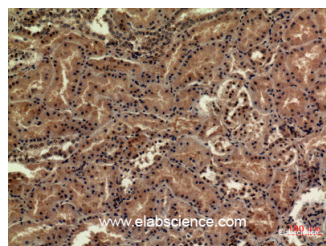
WB	1:500-1:2000
IHC	1:100-1:300
ELISA	1:10000-1:20000

Data



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Western Blot analysis of HeLa, 293T cells with SDHB Polyclonal Antibody.
Observed Mw:31kDa
Calculated Mw:32kDa



Immunohistochemistry of paraffin-embedded Human kidney tissue using SDHB Polyclonal Antibody at dilution of 1:100.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

Complex II of the respiratory chain, which is specifically involved in the oxidation of succinate, 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.

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