

SDHA rabbit pAb

Cat#: orb766290 (Manual)

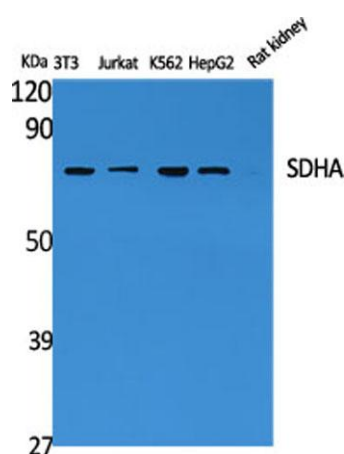
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Product Name	SDHA rabbit pAb
Host species	Rabbit
Applications	WB;IHC
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300
Immunogen	The antiserum was produced against synthesized peptide derived from human SDHA. AA range:551-600
Specificity	SDHA Polyclonal Antibody detects endogenous levels of SDHA protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Succinate dehydrogenase [ubiquinone] flavoprotein subunit mitochondrial
Gene Name	SDHA
Cellular localization	Mitochondrion inner membrane ; Peripheral membrane protein ; Matrix side .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

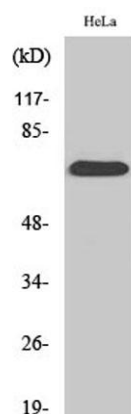
Concentration	1 mg/ml
Observed band	70kD
Human Gene ID	6389
Human Swiss-Prot Number	P31040
Alternative Names	SDHA; SDH2; SDHF; Succinate dehydrogenase [ubiquinone] flavoprotein subunit; mitochondrial; Flavoprotein subunit of complex II; Fp

Background

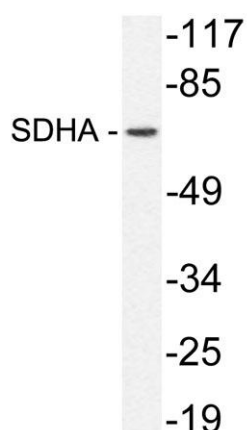
This gene encodes a major catalytic subunit of succinate-ubiquinone oxidoreductase, a complex of the mitochondrial respiratory chain. The complex is composed of four nuclear-encoded subunits and is localized in the mitochondrial inner membrane. Mutations in this gene have been associated with a form of mitochondrial respiratory chain deficiency known as Leigh Syndrome. A pseudogene has been identified on chromosome 3q29. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2014],



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



Western blot analysis of lysate from HeLa cells, using SDHA antibody.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).