

SDHAF1 Polyclonal Antibody

Catalog NumberPA5-34393

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Western Blot (WB)	1-2 µg/mL
Type	Antibody	Immunocytochemistry (ICC/IF)	5 µg/mL
Immunogen	An 18 amino acid synthetic peptide near the carboxy terminus of human SDHAF1	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C		

Product specific information

A suggested positive control is NIH-3T3 cell lysate. PA5-34393 can be used with blocking peptide PEP-1541.

Background/Target Information

SDHAF1 (Succinate dehydrogenase complex assembly factor 1) is one of the subunits of the succinate dehydrogenase (SDH) complex (or complex II) of the mitochondrial respiratory chain. SDHAF1 resides in the mitochondria, and is essential for SDH assembly, but does not physically associate with the complex in vivo. Mutations in this gene are associated with SDH-defective infantile leukoencephalopathy (mitochondrial complex II deficiency). Unlike the related protein SDHAF2, SDHAF1 is not thought to be a tumor suppressor.

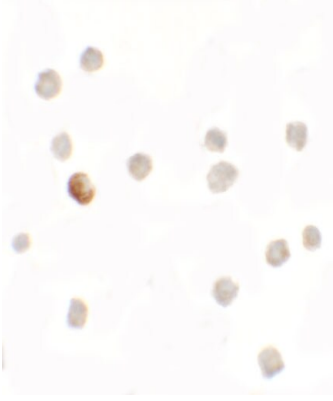
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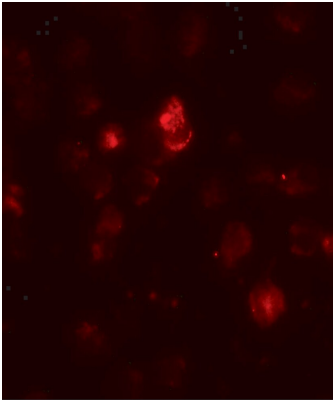
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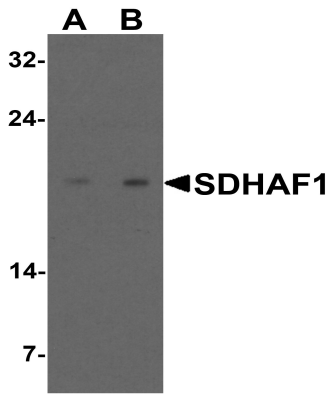
Product Images For SDHAF1 Polyclonal Antibody



SDHAF1 Antibody (PA5-34393) in ICC/IF
Immunocytochemistry of SDHAF1 in 3T3 cells with SDHAF1 Polyclonal Antibody (Product # PA5-34393) at 5 µg/mL.



SDHAF1 Antibody (PA5-34393) in ICC/IF
Immunofluorescence of SDHAF1 in 3T3 cells with SDHAF1 Polyclonal Antibody (Product # PA5-34393) at 20 µg/mL.



SDHAF1 Antibody (PA5-34393) in WB
Western Blot analysis of SDHAF1 in 3T3 cell lysate with SDHAF1 Polyclonal Antibody (Product # PA5-34393) at (A) 1 and (B) 2 µg/mL.

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