

# SDHD Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Published Species	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A 15 amino acid synthetic peptide near the center of human SDHD
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
RRID	AB_2551739

Applications	Tested Dilution	Publications
Western Blot (WB)	1-2 µg/mL	2 Publications
Immunocytochemistry (ICC/IF)	2.5 µg/mL	-

## Product Specific Information

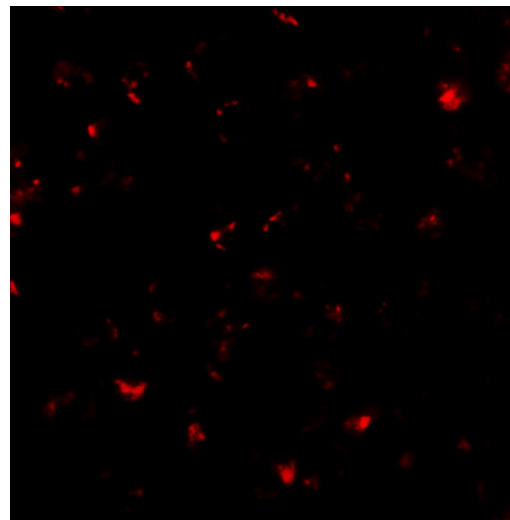
A suggested positive control is EL4 cell lysate.

PA5-34387 can be used with blocking peptide PEP-1430.

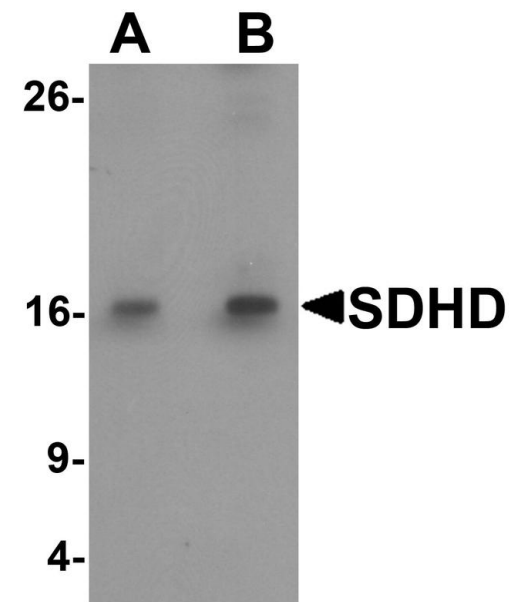
Product Images For SDHD Polyclonal Antibody



**SDHD Antibody (PA5-34387) in ICC/IF**  
Immunocytochemistry of SDHD in EL4 cells with SDHD Polyclonal Antibody (Product # PA5-34387) at 2.5 µg/mL.



**SDHD Antibody (PA5-34387) in ICC/IF**  
Immunofluorescence of SDHD in EL4 cells with SDHD Polyclonal Antibody (Product # PA5-34387) at 20 µg/mL.



**SDHD Antibody (PA5-34387) in WB**  
Western Blot analysis of SDHD in EL4 cell lysate with SDHD Polyclonal Antibody (Product # PA5-34387) at (A) 1 and (B) 2 µg/mL.

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Western Blot (2)

<p>Oncology reports</p> <p><b>Bcl2l10 induces metabolic alterations in ovarian cancer cells by regulating the TCA cycle enzymes SDHD and IDH1.</b></p> <p>"PA5-34387 was used in Western Blotting to identify possible downstream target genes and investigate the underlying mechanisms of action of Bcl2l10 in ovarian cancer cells."</p> <p>Authors: Lee SY,Kwon J, Lee KA</p>	<p>Year 2021</p> <p>Species Human</p>
<p>Journal of molecular and cellular cardiology</p> <p><b>High fat, high sucrose diet causes cardiac mitochondrial dysfunction due in part to oxidative post-translational modification of mitochondrial complex II.</b></p> <p>"PA5-34387 was used in western blot to study the correlation between cardiac mitochondrial dysfunction and the high fat, high sucrose diet"</p> <p>Authors: Sverdlov AL,Elezaby A,Behring JB,Bachschmid MM,Luptak I,Tu VH,Siwik DA,Miller EJ,Liesa M,Shirihai OS, Pimentel DR,Cohen RA,Colucci WS</p>	<p>Year 2015</p> <p>Species Mouse</p>

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