

For Research Use Only

SDH5 Polyclonal antibody

Catalog Number: 19906-1-AP **2 Publications**



Basic Information

Catalog Number: 19906-1-AP	GenBank Accession Number: BC002331	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 54949	Recommended Dilutions: WB 1:500-1:3000 IHC 1:20-1:200 IF 1:50-1:500
Source: Rabbit	Full Name: chromosome 11 open reading frame 79	
Isotype: IgG	Calculated MW: 166 aa, 20 kDa	
Immunogen Catalog Number: AG13893	Observed MW: 15 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HEK-293 cells, HeLa cells

IHC : human testis tissue, human skin cancer tissue

IF : HeLa cells,

Background Information

SDH5, also named asC11orf79, SDHAF2 and SDHAF2, is a mitochondrial protein needed for the flavination of a succinate dehydrogenase complex subunit required for activity of the complex. SDH5 has been shown to be mutated in patients with paragangliomas, also known as familial non-chromaffin paragangliomas type 2. Catalog#19906-1-AP is a rabbit polyclonal antibody raised against the full-length of human SDH5.

Notable Publications

Author	Pubmed ID	Journal	Application
Yuanzhen Ma	30703481	Free Radic Biol Med	WB
Zhenxing Liang	36580193	Apoptosis	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

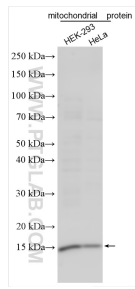
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

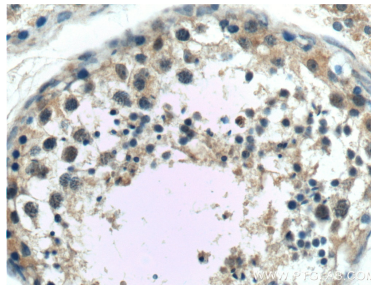
E: proteintech@ptglab.com
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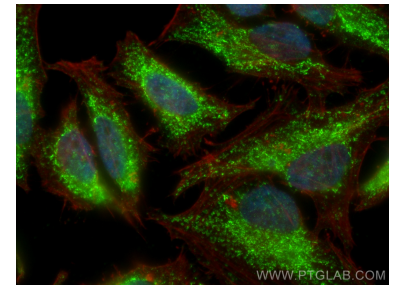
Selected Validation Data



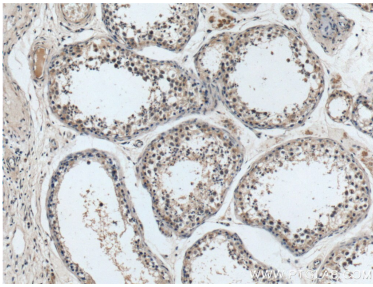
Various lysates were subjected to SDS PAGE followed by western blot with 19906-1-AP (SDH5 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 19906-1-AP (SDH5 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using SDH5 antibody (19906-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 19906-1-AP (SDH5 Antibody) at dilution of 1:50 (under 10x lens).