For Research Use Only

SURF1 Polyclonal antibody

Catalog Number:15379-1-AP Featured Product 2 Publications

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Basic Information

Catalog Number:
15379-1-AP

Size:
150ul , Concentration: 400 μg/ml by Nanodrop and 173 μg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG3959

GenBank Accession Number:
BC028314

GeneID (NCBI):
6834

Full Name:
surfeit 1

Calculated MW:
33 kDa

Observed MW:
30-31 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
IHC 1:20-1:200
IF 1:20-1:200

Applications

Tested Applications:
IF, IHC, IP, WB, ELISA

Cited Applications:
WB

Species Specificity:
human, 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 : HeLa cells, MCF-7 cells, rat heart tissue

IP : HeLa cells,

IHC : human heart tissue,

IF : HeLa cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Anna Spier	34758302	Cell Rep	WB
Yuanyuan Li	29933018	Gene	WB

Storage

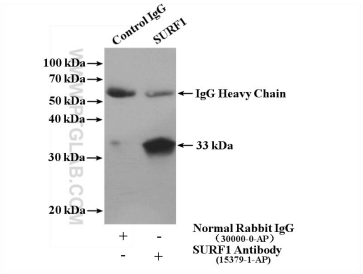
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

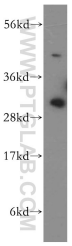
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

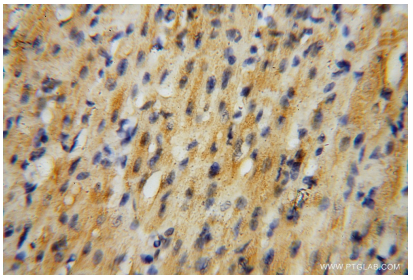
Selected Validation Data



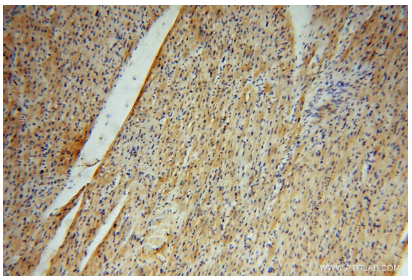
IP result of anti-SURF1 (IP:15379-1-AP, 4ug; Detection:15379-1-AP 1:1000) with HeLa cells lysate 3200 ug.



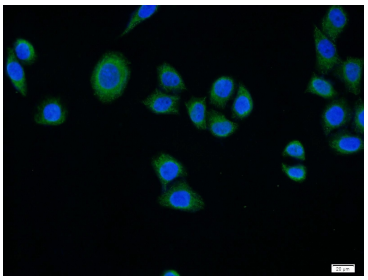
human heart tissue were subjected to SDS PAGE followed by western blot with 15379-1-AP (SURF1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart using 15379-1-AP (SURF1 antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human heart using 15379-1-AP (SURF1 antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of HeLa cells using 15379-1-AP (SURF1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).