

For Research Use Only

SURF1 Polyclonal antibody

Catalog Number: 15379-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

15379-1-AP

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3959

GenBank Accession Number:

BC028314

GeneID (NCBI):

6834

UNIPROT ID:

Q15526

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 1.0-3.0 mg of total protein lysate

IHC: 1:50-1:500

IF/ICC: 1:20-1:200

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, 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 colon tissue,

IF/ICC : HeLa cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Anna Spier	34758302	Cell Rep	WB
Yuan Yuan Li	29933018	Gene	WB
Ruchi Masand	29514069	Cell Metab	

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

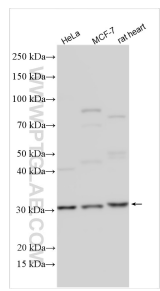
For technical support and original validation data for this product please contact:

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

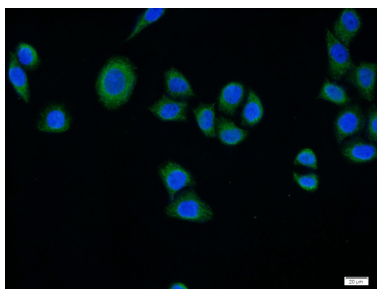
E: proteintech@ptglab.com
W: ptglab.com

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

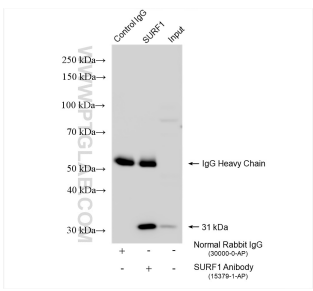
Selected Validation Data



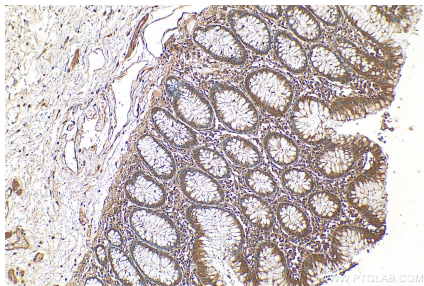
Various lysates were subjected to SDS PAGE followed by western blot with 15379-1-AP (SURF1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



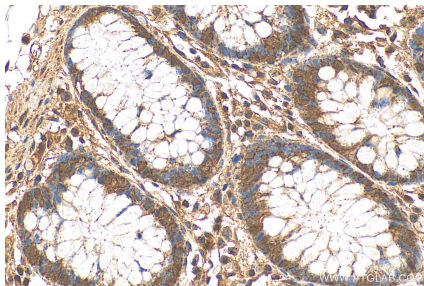
Immunofluorescent analysis of HeLa cells using 15379-1-AP (SURF1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP result of anti-SURF1 (IP:15379-1-AP, 4ug; Detection:15379-1-AP 1:2000) with HeLa cells lysate 1575 ug.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 15379-1-AP (SURF1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 15379-1-AP (SURF1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).