

For Research Use Only

SCLT1 Polyclonal antibody

Catalog Number: 14875-1-AP **7 Publications**



Basic Information

Catalog Number: 14875-1-AP	GenBank Accession Number: BC064428	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 132320	Recommended Dilutions: WB 1:1000-1:6000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Source: Rabbit	Full Name: sodium channel and clathrin linker 1	IHC 1:50-1:500
Isotype: IgG	Calculated MW: 81 kDa	IF 1:300-1:1200
Immunogen Catalog Number: AG6646	Observed MW: 36 kDa, 75-80 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls: WB : HEK-293 cells, mouse brain tissue, COLO 320 cells, rat brain tissue, HeLa cells
Cited Applications: IF, WB	IP : human placenta tissue,
Species Specificity: human, mouse, rat	IHC : human colon cancer tissue,
Cited Species: human, mouse	IF : hTERT-RPE1 cells,

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

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Hao Yan	32366837	Nat Commun	IF
Chuan Chen	34162535	Sci Adv	IF
Tomoharu Kanie	28625565	Dev Cell	IF

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

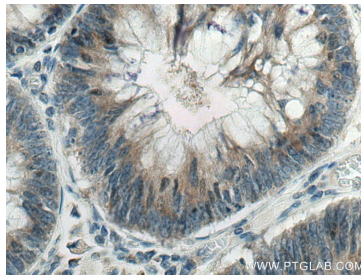
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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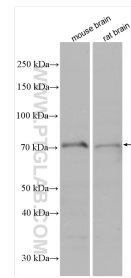
Selected Validation Data



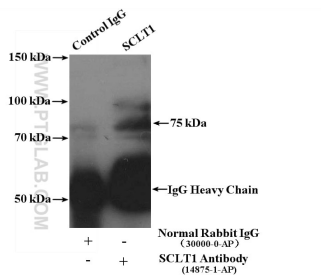
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14875-1-AP (SCLT1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



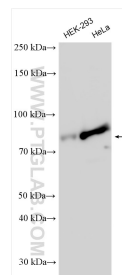
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14875-1-AP (SCLT1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



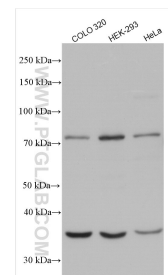
Various lysates were subjected to SDS PAGE followed by western blot with 14875-1-AP (SCLT1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



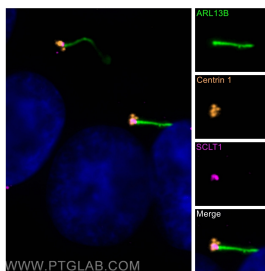
IP Result of anti-SCLT1 (IP: 14875-1-AP, 4ug; Detection: 14875-1-AP 1:1000) with human placenta tissue lysate 4000ug.



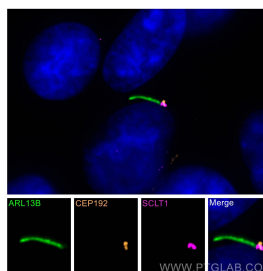
Various lysates were subjected to SDS PAGE followed by western blot with 14875-1-AP (SCLT1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



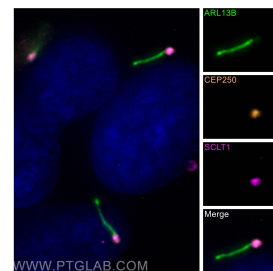
Various lysates were subjected to SDS PAGE followed by western blot with 14875-1-AP (SCLT1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed hTERT-RPE1 cells using SCLT1 antibody (14875-1-AP) at dilution of 1:600 and CoraLite® Plus 647-conjugated AffiniPure F(ab, CoraLite® Plus 488 ARL13B antibody (CL488-17711, green), Centrin 1 antibody (12794-1-AP, orange).



Immunofluorescent analysis of (-20°C Methanol) fixed hTERT-RPE1 cells using SCLT1 antibody (14875-1-AP) at dilution of 1:600 and CoraLite® Plus 647-conjugated AffiniPure F(ab, CEP192 antibody (18832-1-AP, orange), CoraLite® Plus 488 ARL13B antibody (CL488-17711, green).



Immunofluorescent analysis of (-20°C Methanol) fixed hTERT-RPE1 cells using SCLT1 antibody (14875-1-AP) at dilution of 1:600 and CoraLite® Plus 647-conjugated AffiniPure F(ab, CoraLite® Plus 488 ARL13B antibody (CL488-17711, green), CEP250/CNAP1 antibody (14498-1-AP, orange).