

For Research Use Only

SND1 Polyclonal antibody

Catalog Number: 10760-1-AP

Featured Product

9 Publications



Basic Information

Catalog Number: 10760-1-AP	GenBank Accession Number: BC017180	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 27044	Recommended Dilutions: WB 1:2000-1:16000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	Full Name: staphylococcal nuclease and tudor domain containing 1	
Isotype: IgG	Calculated MW: 101 kDa	
Immunogen Catalog Number: AG1200	Observed MW: 101 kDa	

Applications

Tested Applications:
IF, IHC, WB, ELISA

Cited Applications:
ChIP, IF, IHC, RIP, WB

Species Specificity:
Human

Cited Species:
human, mouse, bovine

Positive Controls:

WB: A549 cells, Jurkat cells, COLO 320 cells, HeLa cells

IHC: human breast hyperplasia tissue, human breast cancer tissue, human liver tissue

IF: HeLa 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

Staphylococcal nuclease domain-containing 1 (SND1), is a multifunctional nuclease that consists of four staphylococcal nuclease domains and a tudor domain. SND1 acts as a coactivator that facilitates transcriptional activity of STAT5, 6 and c-Myc. SND1 is a comprising part of the RNA-induced silencing complex(RISC), and takes part in the functions of miRNA, regulates transcription through transcriptional coactivation, RNA interference, RNA splicing, and RNA editing. Higher level of SND1 has been found in colon cancer and prostate cancer, can promote HCC angiogenesis in xenograft model through induction of angiogenic factors. This is a rabbit polyclonal antibody raised against near the C-terminus of human SND1.

Notable Publications

Author	Pubmed ID	Journal	Application
Sen Zhang	30187485	J Cell Physiol	WB
Belinda Baquero-Perez	31647415	Elife	WB,ChIP,RIP
Joshua E Burda	35614216	Nature	IHC

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

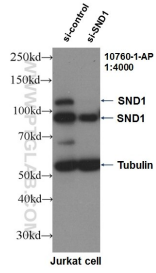
For technical support and original validation data for this product please contact:

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

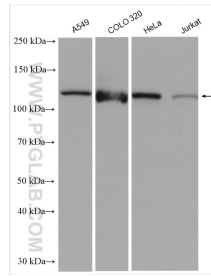
E: proteintech@ptglab.com
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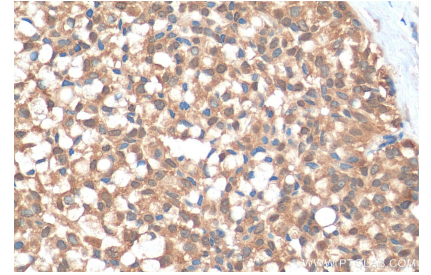
Selected Validation Data



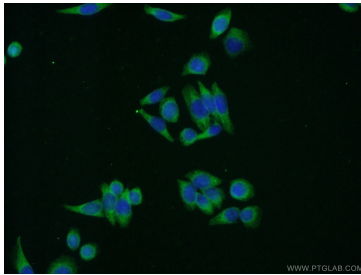
WB result of SND1 antibody (10760-1-AP, 1:4000) with si-Control and si-SND1 transfected Jurkat cells.



Various lysates were subjected to SDS PAGE followed by western blot with 10760-1-AP (SND1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast hyperplasia tissue slide using 10760-1-AP (SND1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 10760-1-AP (SND1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).