

SND1 Polyclonal Antibody

Catalog number: 10760-1-AP

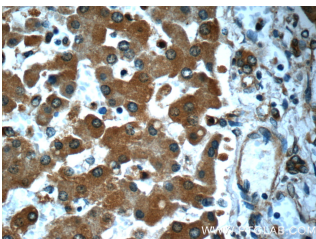
Size: 35 µg/150 µl

Source: Rabbit

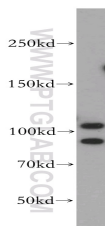
Isotype: IgG

Synonyms:

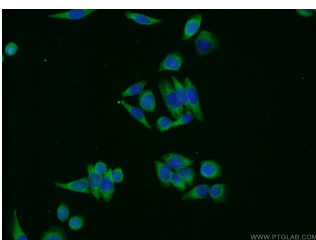
SND1; 100 kDa coactivator,
EBNA2 coactivator p100, p100,
p100 co activator, SND1,
TDRD11



Immunohistochemistry of paraffin-embedded human liver slide using 10760-1-AP (SND1 Antibody) at dilution of 1:50



HeLa cells were subjected to SDS PAGE followed by western blot with 10760-1-AP(SND1 antibody) at dilution of 1:300



Immunofluorescent analysis of (-20 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)

Background

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.

Applications

Tested applications:	ELISA, WB, IHC, IF
Cited applications:	IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Mouse, rat
Calculated SND1 MW:	101 kDa
Observed SND1 MW:	101 kDa
Positive WB detected in	HeLa cells, COLO 320 cells, Jurkat cells
Positive IHC detected in	Human liver tissue
Positive IF detected in	HeLa cells
Recommended dilution:	WB: 1:200-1:1000 IHC: 1:20-1:200 IF: 1:50-1:500

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1200
GenBank accession number:	BC017180
Gene ID (NCBI):	27044
Full name:	Staphylococcal nuclease and tudor domain containing 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.