Nur für Forschungszwecke

SND1 Monoklonaler Antikörper

Katalog-Nr.:60265-1-Ig Vorgestelltes Produkt 6 Publikationen

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Allgemeine Informationen

Katalog-Nr.:
60265-1-Ig

Größe:
150ul , Konzentration: 1800 μg/ml von Nanodrop und 1000 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Maus

Isotyp:
IgG1

Immunogen Katalognummer:
AG1200

GenBank-Zugangsnummer:
BC017180

GeneID (NCBI):
27044

Vollständiger Name:
staphylococcal nuclease and tudor domain containing 1

Berechneté Masse:
101 kDa

Beobachteté Masse:
101 kDa

Reinigungsmethode:
Protein-G-Reinigung

CloneNo.:
1A6A4

Empfohlene Verdünnungen:
WB 1:5000-1:50000
IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
IHC 1:20-1:200
IF 1:20-1:200

Anwendungen

Geprüfte Anwendungen:
IF, IHC, IP, WB,ELISA

In Publikationen genannte Anwendungen:
CoIP, ELISA, IF, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HepG2-Zellen, A431-Zellen, HEK-293-Zellen, HeLa-Zellen, Jurkat-Zellen, LNCaP-Zellen, NIH/3T3-Zellen, U2OS-Zellen

IP : HeLa-Zellen,

IHC : humanes Pankreasgewebe, humanes Kolonkarzinomgewebe, humanes Mammahyperplasie-Gewebe, humanes Mammakarzinomgewebe

IF : HepG2-Zellen,

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Sen Zhang	30187485	J Cell Physiol	IF
Belinda Baquero-Perez	31647415	Elife	WB
Yuan Wang	32917674	Sci Adv	IF, ELISA

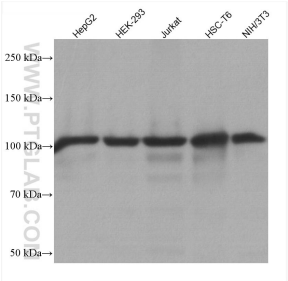
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

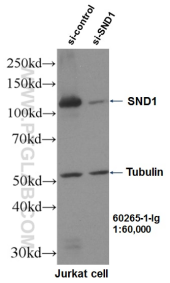
*** 20ul-Größen enthalten 0.1% BSA

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

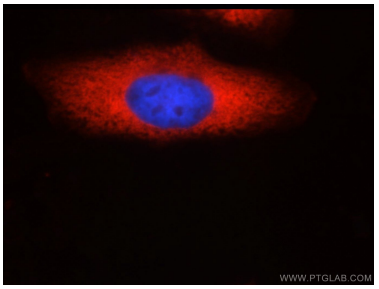
Ausgewählte Validierungsdaten



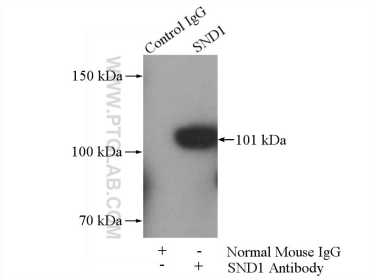
Various lysates were subjected to SDS PAGE followed by western blot with 60265-1-Ig (SND1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



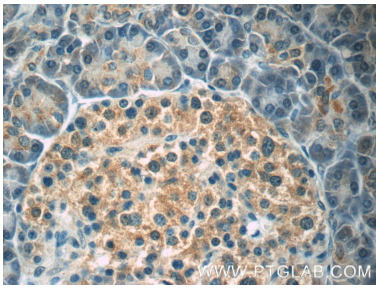
WB result of SND1 antibody (60265-1-Ig, 1:60,000) with si-Control and si-SND1 transfected Jurkat cells.



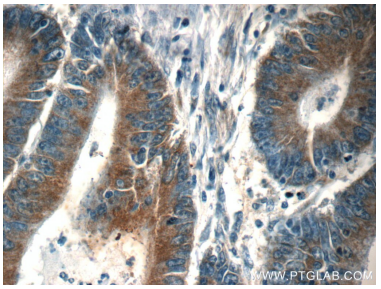
Immunofluorescent analysis of HepG2 cells using 60265-1-Ig(SND1 antibody) at dilution of 1:50 and and Rhodamine-labeled goat anti-mouse IgG (red).



IP Result of anti-SND1 (IP:60265-1-Ig, 5ug; Detection:60265-1-Ig 1:500) with HeLa cells lysate 1400ug.



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 60265-1-Ig (SND1 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 60265-1-Ig (SND1 Antibody) at dilution of 1:50 (under 40x lens).