Nur für Forschungszwecke

CDA1 Polyklonaler Antikörper

Katalog-Nr.:12087-2-AP Vorgestelltes Produkt 6 Publikationen

proteintech®
Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
12087-2-AP

Größe:
150ul , Konzentration: 450 μg/ml von Nanodrop und 260 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG2722

GenBank-Zugangsnummer:
BC024270

GeneID (NCBI):
64061

Vollständiger Name:
TSPY-like 2

Berechneté Masse:
693 aa, 79 kDa

Beobachteté Masse:
120 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:500-1:2000
IP 0.5-4.0 ug für IP und 1:500-1:2000 für WB
IHC 1:20-1:200
IF 1:20-1:200

Anwendungen

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

In Publikationen genannte Anwendungen:
IF, WB

Getestete Reaktivität:
Human

Zitierte Arten:
Human

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

Positivkontrollen:

WB : HeLa-Zellen, DU 145-Zellen, HEK-293-Zellen, MCF-7-Zellen

IP : HEK-293-Zellen,

IHC : humanes Lungenkarzinomgewebe,

IF : HeLa-Zellen,

Hintergrundinformationen

TSPYL2 (also known as CINAP, CDA1, TSPX or DENTT) is a new member of the nucleosome assembly protein superfamily. TSPYL2 binds histones and facilitates nucleosome assembly. TSPYL2 is expressed in various tissues, highly in the pituitary gland and moderately in the adrenals, brain, testis, and ovary. Immunohistochemical staining analysis for TSPYL2 showed differential cytoplasmic and nuclear staining patterns in several cell types. Downregulated expression of TSPYL2 has been observed in several tumors, which suggests its role as a tumor suppressor. Although it is predicted that TSPYL2 has a molecular mass of 79.43 kDa, it is found that mammalian TSPYL2 appears at a size of 120 kDa by western blot analysis. The abundant acidic amino acid regions in TSPYL2 may cause its aberrant migration. In addition, the TSPYL2 protein is unstable and sensitive to proteasomal degradation.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Sabine Conrad	26649052	Stem Cells Int	IF
Kido Tatsuo T	21829568	PLoS One	WB
M T Epping	25613376	Cell Death Differ	WB

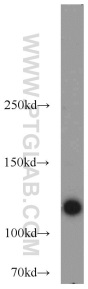
Lagerung

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

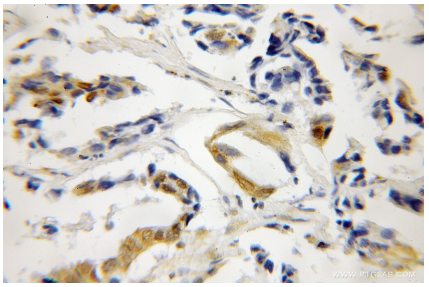
*** 20ul-Größen enthalten 0.1% BSA

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

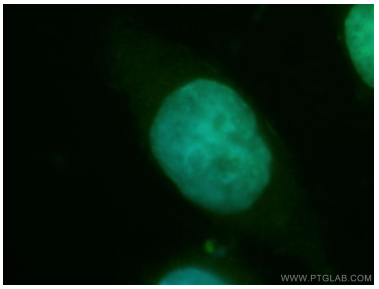
Ausgewählte Validierungsdaten



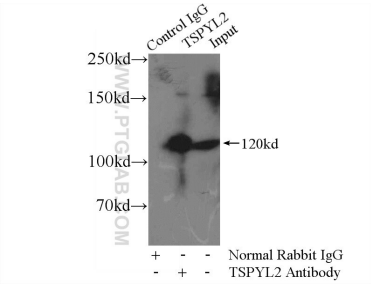
HeLa cells were subjected to SDS PAGE followed by western blot with 12087-2-AP (CDA1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer using 12087-2-AP (CDA1 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of Hela cells, using TSPYL2 antibody 12087-2-AP at 1:50 dilution and FITC-labeled donkey anti-rabbit IgG (green). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-CDA1 (IP:12087-2-AP, 4ug; Detection:12087-2-AP 1:1000) with HEK-293 cells lysate 1000ug.