Nur für Forschungszwecke

XRN1 Polyklonaler Antikörper

Katalog-Nr.:23108-1-AP 1 Publikationen

proteintech®
Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
23108-1-AP

Größe:
150ul , Konzentration: 550 μg/ml von Nanodrop und 333 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG19398

GenBank-Zugangsnummer:
BC078146

GeneID (NCBI):
54464

Vollständiger Name:
5'-3' exoribonuclease 1

Berechneté Masse:
1706 aa, 194 kDa

Beobachteté Masse:
175 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:500-1:1000
IHC 1:20-1:200
IF 1:20-1:200

Anwendungen

Geprüfte Anwendungen:
IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:
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,

IHC : humanes Herzgewebe, humanes Hirngewebe

IF : HeLa-Zellen,

Hintergrundinformationen

Exoribonuclease I (XRN1), also known as Sep1 or Rar5, is a 1,694-amino acid protein that functions as the major cytoplasmic 5 prime to 3 prime exoribonuclease and plays an important role in mRNA turnover. XRN1 may also function in the microtubular cytoskeleton as well as in DNA recombination and replication. XRN1 induces the expression of stress granules (SGs), cytoplasmic aggregates of stalled translational preinitiation complexes that accumulate during stress, and GW bodies/processing bodies (PBs), distinct cytoplasmic sites of mRNA degradation. There are several isoforms of XRN1 that are produced as a result of alternative splicing events.Loss of XRN1 markedly affects cell growth rates.This antibody is specific to the XRN1 protein.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Ruihui Xie	36939377	Cancer Res	WB

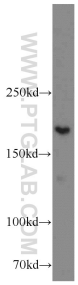
Lagerung

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

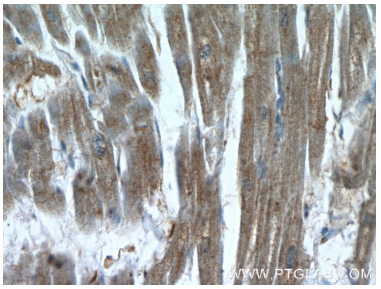
*** 20ul-Größen enthalten 0.1% BSA

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

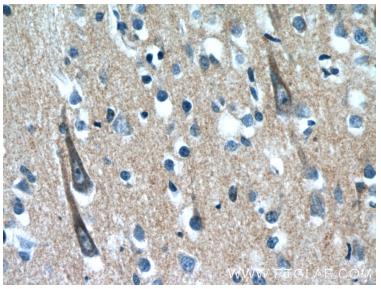
Ausgewählte Validierungsdaten



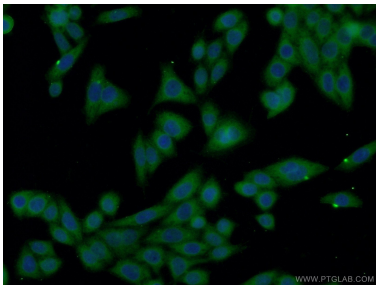
HeLa cells were subjected to SDS PAGE followed by western blot with 23108-1-AP (XRN1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart slide using 23108-1-AP (XRN1 Antibody) at dilution of 1:50.



Immunohistochemical analysis of paraffin-embedded human brain slide using 23108-1-AP (XRN1 Antibody) at dilution of 1:50.



Immunofluorescent analysis of HeLa cells using 23108-1-AP (XRN1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).