Nur für Forschungszwecke

RRM2 Polyklonaler Antikörper

Katalog-Nr.:11661-1-AP 12 Publikationen

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Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
11661-1-AP

Größe:
150ul , Konzentration: 500 μg/ml von Nanodrop und 300 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG2203

GenBank-Zugangsnummer:
BC030154

GeneID (NCBI):
6241

Vollständiger Name:
ribonucleotide reductase M2 polypeptide

Berechneté Masse:
389 aa, 45 kDa

Beobachteté Masse:
45 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:1000-1:6000
IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
IHC 1:20-1:200
IF 1:200-1:800

Anwendungen

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

In Publikationen genannte Anwendungen:
CoIP, IHC, 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, A431-Zellen, HUVEC-Zellen, K-562-Zellen

IP : K-562-Zellen,

IHC : humanes Tonsillitisgewebe,

IF : HepG2-Zellen,

Hintergrundinformationen

Ribonucleotide reductase M2 subunit is one of two subunits that constitute ribonucleotide reductase, the enzyme that catalyzes the conversion of ribonucleotide 5'-diphosphates into 2'-deoxyribonucleotides, a rate-limiting step in the production of 2'-deoxyribonucleoside 5'-diphosphates (dNTP) required for DNA synthesis and repair that is required for DNA synthesis and repair [PMID:20825972, 19250552]. RRM2 is only expressed during the late G1/early S phase, and degraded in late S phase, and the activity of RNR, and therefore DNA synthesis and cell proliferation, is controlled during the cell cycle by the synthesis and degradation of RRM2 subunit [PMID:3894352].

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Qiao Song	36243980	Nucleic Acids Res	WB,CoIP
Tingbo Ye	35677150	Front Oncol	IHC
Binshan Shi	29587790	Virol J	WB

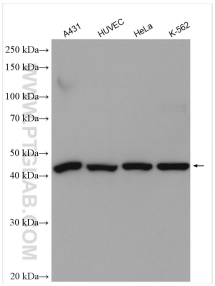
Lagerung

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

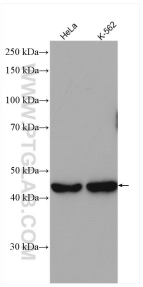
*** 20ul-Größen enthalten 0.1% BSA

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

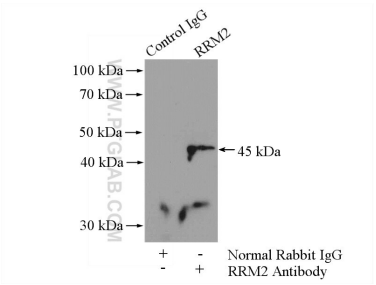
Ausgewählte Validierungsdaten



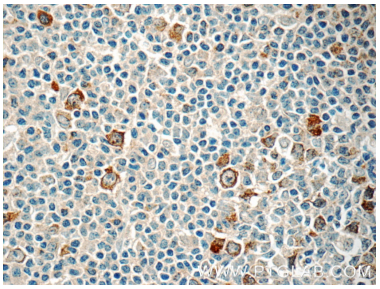
Various lysates were subjected to SDS PAGE followed by western blot with 11661-1-AP (RRM2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



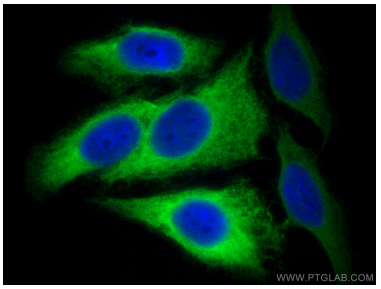
Various lysates were subjected to SDS PAGE followed by western blot with 11661-1-AP (RRM2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP Result of anti-RRM2 (IP:11661-1-AP, 4ug; Detection:11661-1-AP 1:500) with K-562 cells lysate 1200ug.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 11661-1-AP (RRM2 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using RRM2 antibody (11661-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).