

Nur für Forschungszwecke

EXO1 Polyklonaler Antikörper

Katalog-Nr.:16253-1-AP

Vorgestelltes Produkt

6 Publikationen



Allgemeine Informationen

Katalog-Nr.:

16253-1-AP

Größe:

150ul, Konzentration: 850 µg/ml von Nanodrop;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG9253

GenBank-Zugangsnummer:

BC007491

GeneID (NCBI):

9156

Vollständiger Name:

exonuclease 1

Berechnete Masse:

94 kDa

Beobachtete Masse:

115-120 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:2000-1:16000

IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB

Anwendungen

Geprüfte Anwendungen:

IP, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Human, Ratte

Positivkontrollen:

WB: HEK-293T-Zellen, HeLa-Zellen, Jurkat-Zellen, Raji-Zellen

IP: Maus-Thymusgewebe,

Hintergrundinformationen

EXO1, also named as HEX1, is a 846 amino acid protein, which belongs to the XPG/RAD2 endonuclease family. EXO1 subfamily. EXO1 is highly expressed in bone marrow, testis and thymus and at lower levels in colon, lymph nodes, ovary, placenta, prostate, small intestine, spleen and stomach. EXO1 as 5'->3' double-stranded DNA exonuclease, which may also possess a cryptic 3'->5' double-stranded DNA exonuclease activity. EXO1 functions in DNA mismatch repair (MMR) to excise mismatch-containing DNA tracts directed by strand breaks located either 5' or 3' to the mismatch. The calculated molecular weight of EXO1 is 94 kDa, but the modified EXO1 protein is about 115 kDa.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Margaret Tammara	26420828	Nucleic Acids Res	WB
Christopher B Nelson	33841503	Front Genet	WB
Xinliang Zou	35900670	J Cardiovasc Transl 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

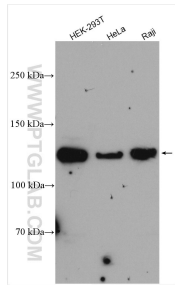
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

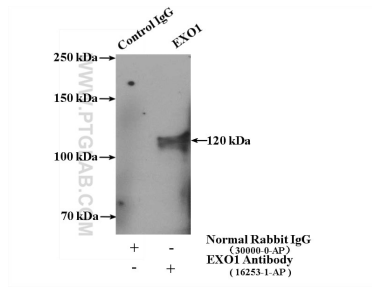
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 16253-1-AP (EXO1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



IP Result of anti-EXO1 (IP:16253-1-AP, 4ug; Detection:16253-1-AP 1:500) with mouse thymus tissue lysate 2800ug.