

Nur für Forschungszwecke

PELO Polyklonaler Antikörper

Katalog-Nr.:10582-1-AP

Vorgestelltes Produkt

6 Publikationen



Allgemeine Informationen

Katalog-Nr.:
10582-1-AP

Größe:

150ul, Konzentration: 450 µg/ml von Nanodrop und 300 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:
AG0873

GenBank-Zugangsnummer:

BC005889

GeneID (NCBI):

53918

Vollständiger Name:

pelota homolog (Drosophila)

Berechnete Masse:

43 kDa

Beobachtete Masse:

43-45 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:6000

IP 0.5-4.0 µg für IP und 1:500-1:1000

für WB

IHC 1:50-1:500

IF 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

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

Positivkontrollen:

WB: HEK-293-Zellen, HeLa-Zellen, Maushodengewebe, SKOV-3-Zellen

IP: HEK-293-Zellen,

IHC: humanes Lebergewebe,

IF: U2OS-Zellen,

Hintergrundinformationen

The Peló gene was originally identified in a mutagenesis screen for spermatogenesis-specific genes of *Drosophila melanogaster*. The PELO is required for the meiotic division during the G2/M transition, and functions in recognizing stalled ribosomes and triggering endonucleolytic cleavage of the mRNA, a mechanism to release non-functional ribosomes and degrade damaged mRNAs [PMID:12556505]. It may participate in the machinery of protein synthesis or in the regulation of mRNA translation [PMID:9584085].

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Shuai Hou	31216022	Nucleic Acids Res	WB
I-Hui Wu	34107246	Cell Rep	
Mark Stoneley	35180429	Mol Cell	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

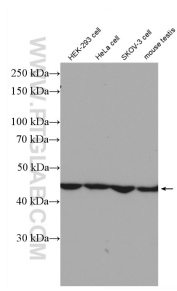
For technical support and original validation data for this product please contact:

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

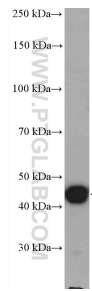
E: proteintech@ptglab.com
W: ptglab.com

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

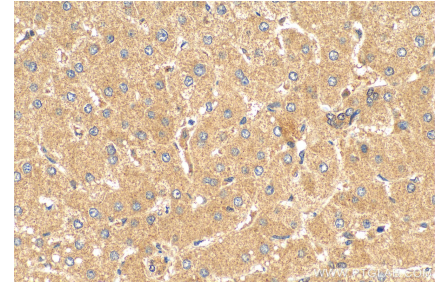
Ausgewählte Validierungsdaten



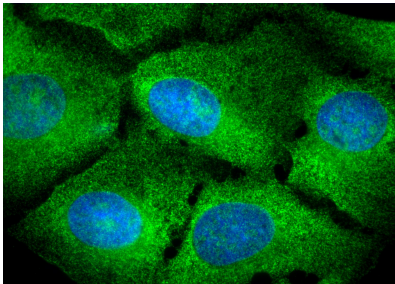
Various cells were subjected to SDS PAGE followed by western blot with 10582-1-AP (PELO antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



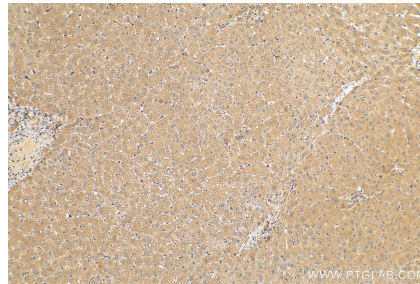
mouse testis tissue were subjected to SDS PAGE followed by western blot with 10582-1-AP (PELO antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



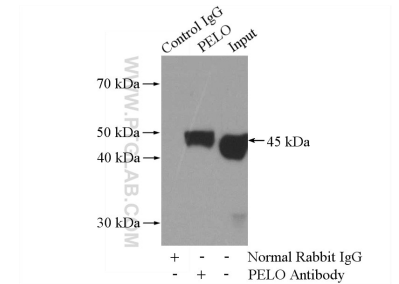
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 10582-1-AP (PELO antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IF result of 10582-1-AP (PELO antibody) in U2OS cell by Dr. Nancy Kedersha. (cytoplasm and nucleus; Green).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 10582-1-AP (PELO antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-PELO (IP:10582-1-AP, 4 μ g; Detection:10582-1-AP 1:500) with HEK-293 cells lysate 1200 μ g.