

Allgemeine Informationen

Katalog-Nr.:

55110-1-AP

Größe:

150ul, Konzentration: 750 µg/ml von Nanodrop und 400 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

GenBank-Zugangsnummer:

NM_015276

GeneID (NCBI):

23326

Vollständiger Name:

ubiquitin specific peptidase 22

Berechnete Masse:

60 kDa

Beobachtete Masse:

58-60 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

Anwendungen

Geprüfte Anwendungen:

IP, WB, ELISA

In Publikationen genannte Anwendungen:

CoIP, IF, IHC, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

Positivkontrollen:

WB : A549-Zellen, HepG2-Zellen

IP : HepG2-Zellen,

Hintergrundinformationen

USP22, also named as KIAA1063 and USP3L, belongs to the peptidase C19 family and UBP8 subfamily. It is histone deubiquitinating component of the transcription regulatory histone acetylation (HAT) complex SAGA. USP22 catalyzes the deubiquitination of both histones H2A and H2B, thereby acting as a coactivator. It is recruited to specific gene promoters by activators such as MYC, where it is required for transcription. USP22 is required for nuclear receptor-mediated transactivation and cell cycle progression. USP22 has 2 isoforms with molecular mass of 58kDa and 60 kDa. The antibody is specific to USP22.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Dianyun Ren	34743406	Mol Oncol	WB,IP
Zelong Han	36333288	Cell Death Discov	WB,IHC,IF,IP
Qingxiang Liu	29732405	Sci Adv	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern.

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

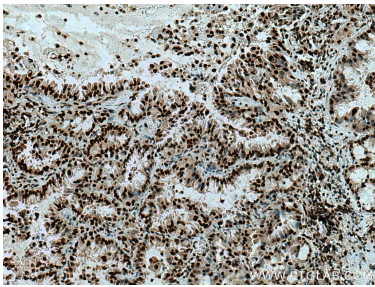
For technical support and original validation data for this product please contact:

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

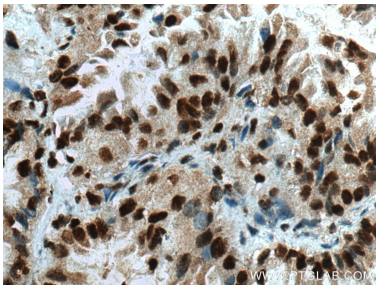
E: proteintech@ptglab.com
W: ptglab.com

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

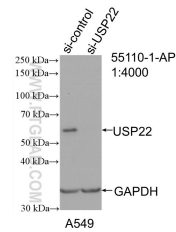
Ausgewählte Validierungsdaten



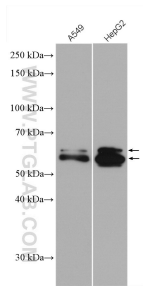
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 55110-1-AP (USP22 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



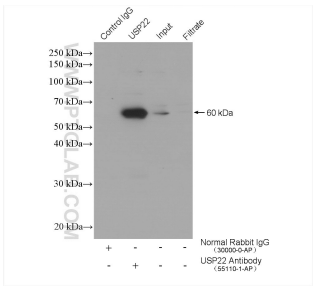
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 55110-1-AP (USP22 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of USP22 antibody (55110-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-USP22 transfected A549 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 55110-1-AP (USP22 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP result of anti-USP22 (IP:55110-1-AP, 4ug; Detection:55110-1-AP 1:500) with HepG2 cells lysate 4000 ug.