

Nur für Forschungszwecke

UBE2T/HSPC150 Polyklonaler Antikörper



Katalog-Nr.: 10105-2-AP

Vorgestelltes Produkt

18 Publikationen

Allgemeine Informationen

Katalog-Nr.:
10105-2-AP

Größe:
150ul, Konzentration: 800 µg/ml von Nanodrop und 367 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG0153

GenBank-Zugangsnummer:
BC004152

GeneID (NCBI):
29089

Vollständiger Name:
ubiquitin-conjugating enzyme E2T (putative)

Berechnete Masse:
23 kDa

Beobachtete Masse:
23 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:500-1:2000
IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, IP, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human

Positivkontrollen:

WB: HeLa-Zellen, HepG2-Zellen, Jurkat-Zellen, K-562-Zellen, SKOV-3-Zellen

IP: HeLa-Zellen,

IF: HeLa-Zellen, HepG2-Zellen

Hintergrundinformationen

The ubiquitin (Ub)-mediated protein degradation pathway involves three sequential enzymatic steps that facilitate the conjugation of Ub to specific protein substrates. The first step requires ATP-dependent activation of the C-terminus of Ub and the assembly of multi-Ubs by Ub-activating enzyme E1. The ubiquitin-conjugating enzyme E2, catalytic (UBC) domain, is then conjugated to Ubs, through a thiol-ester linkage between a conserved cysteine and the C-terminus of Ub, to generate an intermediate Ub-E2 complex. Then the E3, a ligase, catalyzes the transfer of Ub from E2 to the appropriate substrate. This pathway regulates many fundamental cellular processes. There are also other E2s which form thiol-ester linkages without the use of E3s as well as several UBC homologs (TSG101, Mms2, Croc-1 and similar proteins), which lack the active site cysteine essential for ubiquitination and appear to function in DNA repair pathways.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xuxiu Tao	36156329	Cancer Sci	WB, IHC, IF, IP
Xiangtian Wu	33014154	Oncol Lett	WB, IHC
Li-Li Liu	31571992	Cancer Manag 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

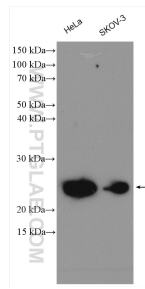
For technical support and original validation data for this product please contact:

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

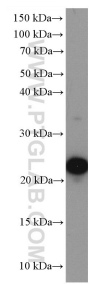
E: proteintech@ptglab.com
W: ptglab.com

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

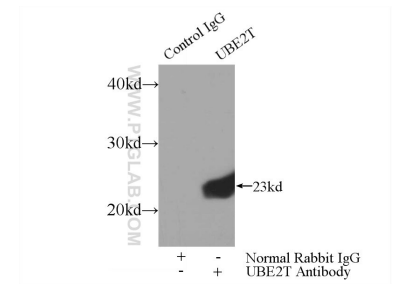
Ausgewählte Validierungsdaten



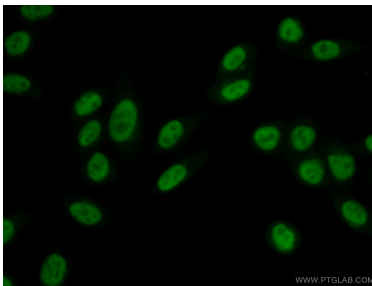
HeLa cells were subjected to SDS PAGE followed by western blot with 10105-2-AP (UBE2T/HSPC150 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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IP Result of anti-UBE2T/HSPC150 (IP:10105-2-AP, 3ug; Detection:10105-2-AP 1:500) with HeLa cells lysate 3000ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 10105-2-AP (UBE2T/HSPC150 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).