

## Allgemeine Informationen

**Katalog-Nr.:**  
10392-1-AP

**Größe:**  
150ul , Konzentration: 400 µg/ml von  
Nanodrop und 273 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

**Wirt:**  
Kaninchen

**Isotyp:**  
IgG

**Immunogen Katalognummer:**  
AG0591

**GenBank-Zugangsnummer:**  
BC002955

**GeneID (NCBI):**  
9099

**Vollständiger Name:**  
ubiquitin specific peptidase 2

**Berechnete Masse:**  
41 kDa, 69 kDa

**Beobachtete Masse:**  
68 kDa, 41-45 kDa

**Reinigungsmethode:**

Antigen-Affinitätsreinigung

**Empfohlene Verdünnungen:**

WB 1:500-1:2000

IHC 1:50-1:500

IF 1:50-1:500

## Anwendungen

**Geprüfte Anwendungen:**

IF, IHC, WB, ELISA

**In Publikationen genannte Anwendungen:**

IHC, WB

**Getestete Reaktivität:**

Human, Maus, Ratte

**Zitierte Arten:**

Human, Maus, Ratte

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

**Positivkontrollen:**

**WB :** NIH/3T3-Zellen, HEK-293-Zellen, Maushirngewebe, Mausnierengewebe, MCF-7-Zellen

**IHC :** humanes Mammakarzinomgewebe, humanes Prostatakarzinomgewebe, humanes Skelettmuskelgewebe

**IF :** Mausembryogewebe,

## Hintergrundinformationen

Ubiquitin, a highly conserved protein involved in the regulation of intracellular protein breakdown, cell cycle regulation, and stress response, is released from degraded proteins by disassembly of the polyubiquitin chains. The disassembly process is mediated by ubiquitin-specific proteases (USPs). USP2 is also named as UBP41. USP2 can interact indirectly with multiple clock proteins, so it remains possible that USP2 may modulate the ubiquitination and function of these other proteins. It has 4 isoforms produced by alternative splicing. This antibody is specific to the isoform 1(USP2a) of USP2.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Junhui Xing	32963492	Mediators Inflamm	WB,IHC
Zelong Han	36333288	Cell Death Discov	WB
Jiabei He	30918246	Cell Death Dis	IHC

## 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**

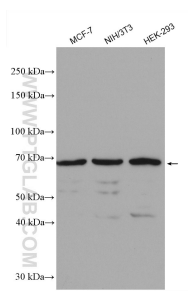
For technical support and original validation data for this product please contact:

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

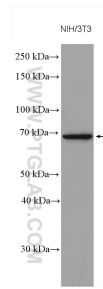
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

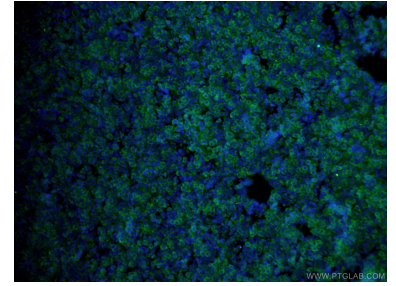
## Ausgewählte Validierungsdaten



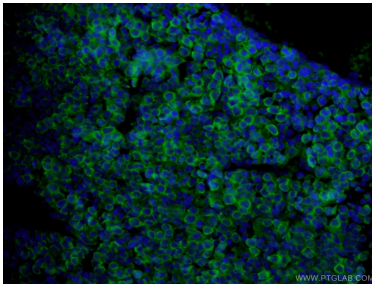
Various lysates were subjected to SDS PAGE followed by western blot with 10392-1-AP (USP2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



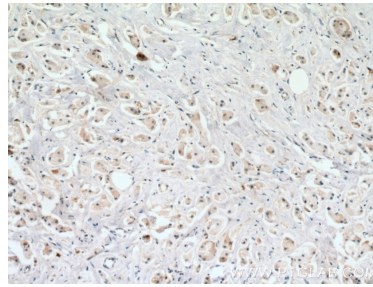
NIH/3T3 lysates were subjected to SDS PAGE followed by western blot with 10392-1-AP (USP2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



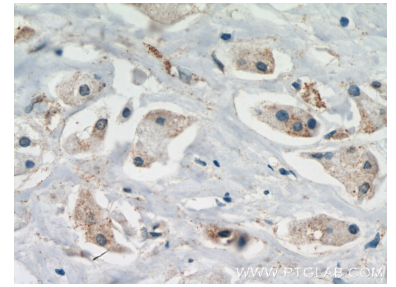
Immunofluorescent analysis of (4% PFA) fixed mouse embryo tissue using 10392-1-AP (USP2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse embryo tissue using 10392-1-AP (USP2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10392-1-AP (USP2 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 breast cancer tissue slide using 10392-1-AP (USP2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).