

Nur für Forschungszwecke

# USP25 Polyklonaler Antikörper

Katalog-Nr.:28817-1-AP



## Allgemeine Informationen

|  |   |  |
|--|---|--|
| <b>Katalog-Nr.:</b><br>28817-1-AP                                  | <b>GenBank-Zugangsnummer:</b><br>BC015930                     | <b>Reinigungsmethode:</b><br>Antigen-Affinitätsreinigung             |
| <b>Größe:</b><br>150ul , Konzentration: 650 µg/ml von<br>Nanodrop; | <b>GeneID (NCBI):</b><br>29761                                | <b>Empfohlene Verdünnungen:</b><br>WB 1:500-1:1000<br>IHC 1:50-1:500 |
| <b>Wirt:</b><br>Kaninchen  | <b>Vollständiger Name:</b><br>ubiquitin specific peptidase 25 |  |
| <b>Isotyp:</b><br>IgG  | <b>Berechnete Masse:</b><br>125 kDa                           |  |
| <b>Immunogen Katalognummer:</b><br>AG30463                         | <b>Beobachtete Masse:</b><br>122-138 kDa                      |  |

## Anwendungen

### Geprüfte Anwendungen:

IHC, WB, ELISA

### Getestete Reaktivität:

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-293T-Zellen, PC-3-Zellen, RAW 264.7-Zellen

IHC : humanes Lungenkarzinomgewebe, humanes Kolongewebe

## Hintergrundinformationen

Ubiquitin carboxyl-terminal hydrolase 25, encoded by USP25 gene, has three isoforms by alternative splicing. Isoform USP25a is found in most adult and fetal tissues; Isoform USP25b is found in all tissues except heart and skeletal muscle. Isoform USP25m is heart and skeletal muscle specific, and is upregulated during myogenesis, therefore, may have a role in the regulation of muscular differentiation and function. USP25, as a deubiquitinating enzyme that hydrolyzes ubiquitin moieties conjugated to substrates, functions to process newly synthesized Ubiquitin, to recycle ubiquitin molecules or to edit polyubiquitin chains and prevents proteasomal degradation of substrates.

## 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

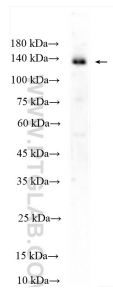
For technical support and original validation data for this product please contact:

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

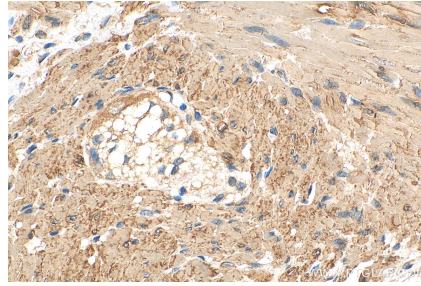
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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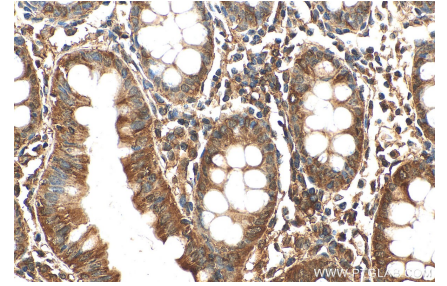
## Ausgewählte Validierungsdaten



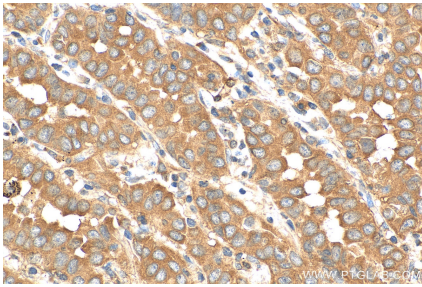
HEK-293T cells were subjected to SDS PAGE followed by western blot with 28817-1-AP (USP25 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 28817-1-AP (USP25 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 28817-1-AP (USP25 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 28817-1-AP (USP25 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).