

For Research Use Only

# USP25 Monoclonal antibody, PBS Only

Catalog Number:67769-1-PBS



## Basic Information

Catalog Number:

67769-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG28067

GenBank Accession Number:

BC015930

GeneID (NCBI):

29761

UNIPROT ID:

Q9UHP3

Full Name:

ubiquitin specific peptidase 25

Calculated MW:

125 kDa

Observed MW:

125 kDa

Purification Method:

Protein A purification

CloneNo.:

2B6A2

## Applications

Tested Applications:

WB, Indirect ELISA, IHC

Species Specificity:

human, mouse, rat

## Background Information

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 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.

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

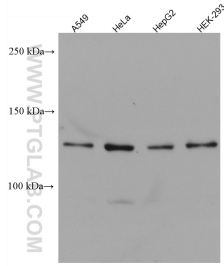
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

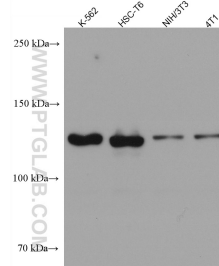
W: [ptgcn.com](http://ptgcn.com)

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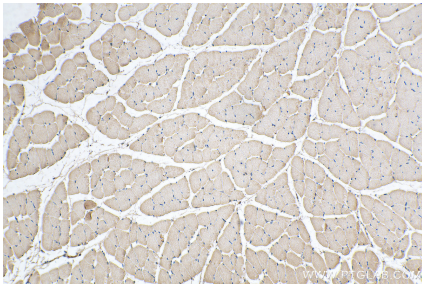
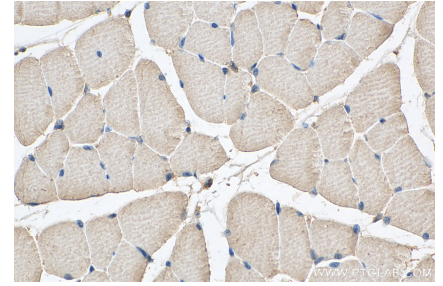
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67769-1-Ig (USP25 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67769-1-PBS in a different storage buffer formulation.



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Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 67769-1-Ig (USP25 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67769-1-PBS in a different storage buffer formulation.