

For Research Use Only

USP25 Monoclonal antibody, PBS Only

Catalog Number:67769-1-PBS



Basic Information

Catalog Number: 67769-1-PBS	GenBank Accession Number: BC015930	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 29761	CloneNo.: 2B6A2
Source: Mouse	UNIPROT ID: Q9UHP3	
Isotype: IgG2b	Full Name: ubiquitin specific peptidase 25	
Immunogen Catalog Number: AG28067	Calculated MW: 125 kDa	
	Observed MW: 125 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

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.

Storage Buffer:
PBS Only

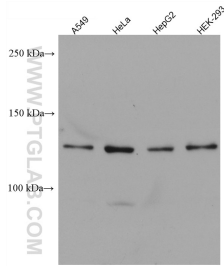
For technical support and original validation data for this product please contact:

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

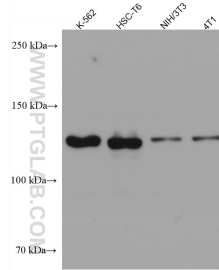
E: proteintech@ptglab.com
W: ptglab.com

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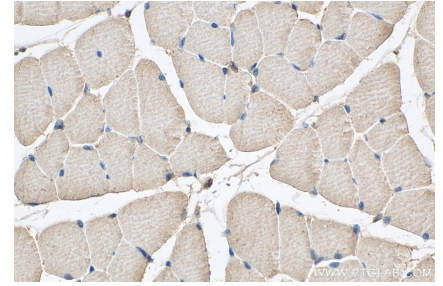
Selected Validation Data



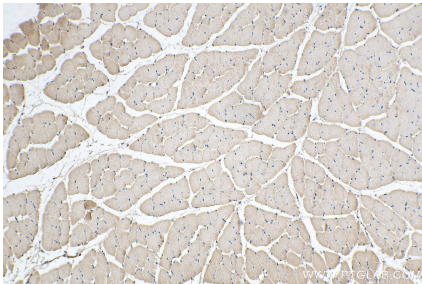
Various lysates were subjected to SDS PAGE followed by western blot with 67769-1-Ig (USP25 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67769-1-PBS in a different storage buffer formulation.



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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 40x 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.



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.