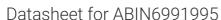
antibodies -online.com





anti-USP25 antibody (AA 470-520)



Overview

Overview	
Quantity:	0.1 mg
Target:	USP25
Binding Specificity:	AA 470-520
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP25 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)
Product Details	
Immunogen:	USP25 antibody was raised against a 17 amino acid peptide near the center of human USP25. The immunogen is located within amino acids 470 - 520 of USP25.
Isotype:	IgG
Specificity:	USP25 antibody is human and mouse reactive. Multiple isoforms of USP25 are known to exist.
Purification:	USP25 antibody is affinity chromatography purified via peptide column.
Target Details	
Target:	USP25

Target Details

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Background:	USP25 (ubiquitin specific peptidase 25), also known as USP21, belongs to the peptidase C19
	family and is a highly conserved 76-amino acid protein involved in regulation of intracellular
	protein breakdown, cell cycle regulation, and stress response (1). It contains one UBA-like
	domain and two UIM (ubiquitin-interacting motif) repeats. Due to alternative splicing events,
	USP25 is expressed as two short, ubiquitously expressed isoforms and one long, muscle-
	specific isoform (2). The long isoform of USP25 (USP25m) is upregulated in myogenesis and is
	implicated in regulation of muscular differentiation and function. USP25 is a deubiquitinating
	enzyme (DUB) that negatively regulates IL-17-triggered signaling (3,4).
Molecular Weight:	Predicted: 116 kDa
	Observed: 105 kDa
Gene ID:	29761
NCBI Accession:	NP_037528
UniProt:	Q9UHP3
Application Details	
Application Notes:	USP25 antibody can be used for detection of USP25 by Western blot at 1 - 2 μ,g/mL. Antibody
	can also be used for Immunohistochemistry at 5 $\mu\text{,g/mL}$. For Immunoflorescence start at 20 $\mu\text{,}$
	g/mL.
	Antibody validated: Western Blot in mouse samples, Immunohistochemistry in human samples
	and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	USP25 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.

Handling

Storage:	-20 °C,4 °C
Storage Comment:	USP25 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.