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Datasheet for ABIN4915068

anti-USP25 antibody

1 Image

Overview

Quantity:	100 µL
Target:	USP25
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This USP25 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This USP25 antibody is generated from a mouse immunized with a recombinant protein from human USP25.
Clone:	7C1
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	USP25
Alternative Name:	USP25 (USP25 Products)

Target Details

Background: Synonyms: USP21, Ubiquitin carboxyl-terminal hydrolase 25, Deubiquitinating enzyme 25, USP on chromosome 21, Ubiquitin thioesterase 25, Ubiquitin-specific-processing protease 25, USP25

Background: Deubiquitinating enzyme that hydrolyzes ubiquitin moieties conjugated to substrates and thus, functions to process newly synthesized Ubiquitin, to recycle ubiquitin molecules or to edit polyubiquitin chains and prevents proteasomal degradation of substrates. Hydrolyzes both 'Lys-48'- and 'Lys-63'-linked tetraubiquitin chains. The muscle-specific isoform (USP25m) may have a role in the regulation of muscular differentiation and function.

Gene ID: 29761

UniProt: [Q9UHP3](#)

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

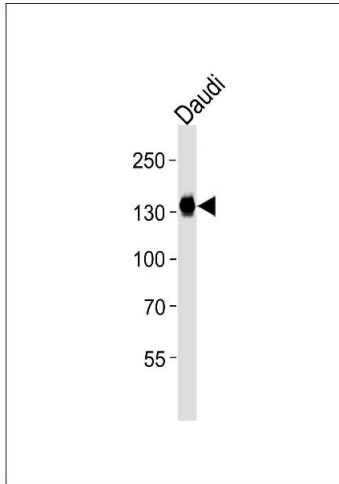
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months



Western Blotting

Image 1. Lane 1: Daudi Cell lysates, probed with USP25 (1277CT376.106.171) Monoclonal Antibody, unconjugated (bsm-51259M) at 1:1000 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.