

USP25 Antibody [Knockdown Validated]

Purified Mouse Monoclonal Antibody (Mab)

Catalog # AM2255a

Product Information

Application	WB, E
Primary Accession	Q9UHP3
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1, κ
Clone Names	1277CT376.106.171

Additional Information

Other Names	Ubiquitin carboxyl-terminal hydrolase 25, Deubiquitinating enzyme 25, USP on chromosome 21, Ubiquitin thioesterase 25, Ubiquitin-specific-processing protease 25, USP25, USP21
Target/Specificity	This USP25 antibody is generated from a mouse immunized with a recombinant protein from human USP25.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	USP25 Antibody [Knockdown Validated] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

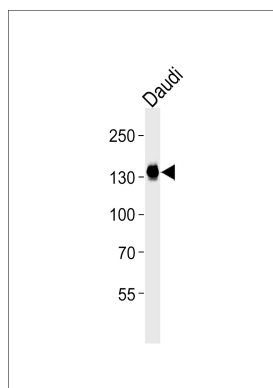
Background

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.

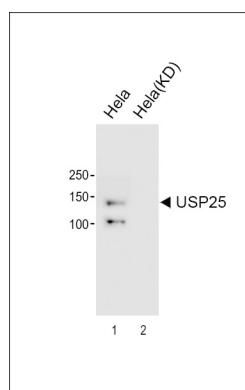
References

Valero R., et al. *Genomics* 62:395-405(1999).
Groet J., et al. *Genes Chromosomes Cancer* 27:153-161(2000).
Valero R., et al. Submitted (FEB-2009) to the EMBL/GenBank/DDBJ databases.
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. *Nat. Genet.* 36:40-45(2004).

Images



Western blot analysis of lysate from Daudi cell line, using USP25 Antibody (Cat. #AM2255a). AM2255a was diluted at 1:1000. A goat anti-mouse IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35µg.



All lanes : Anti-USP25 Antibody at 1:2000 dilution Lane 1: HeLa Lane 2: HeLa-Knockdown Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Mouse IgG, (H+L), Peroxidase conjugated (ASP1613) at 1/8000 dilution.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.