

**USP40 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13572a****Specification**

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**USP40 Antibody (N-term) Blocking peptide - Product Information**Primary Accession [Q9NVE5](#)**USP40 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 55230**Other Names**

Ubiquitin carboxyl-terminal hydrolase 40, Deubiquitinating enzyme 40, Ubiquitin thioesterase 40, Ubiquitin-specific-processing protease 40, USP40

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13572a was selected from the N-term region of USP40. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**USP40 Antibody (N-term) Blocking peptide - Protein Information****Name** USP40**Function**

May be catalytically inactive.

**Tissue Location**

Broadly expressed..

**USP40 Antibody (N-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**USP40 Antibody (N-term) Blocking peptide - Images****USP40 Antibody (N-term) Blocking peptide - Background**

Modification of cellular proteins by ubiquitin is an essential regulatory mechanism controlled by the coordinated action of multiple ubiquitin-conjugating and deubiquitinating enzymes. USP40 belongs to a large family of cysteine proteases that function as deubiquitinating enzymes (Quesada et al., 2004 [PubMed14715245]).

**USP40 Antibody (N-term) Blocking peptide - References**

Wu, Y.R., et al. Clin. Chim. Acta 411 (13-14), 955-958 (2010) ; Li, Y., et al. Hum. Mutat. 27(10):1017-1023(2006) Hillier, L.W., et al. Nature 434(7034):724-731(2005) Quesada, V., et al. Biochem. Biophys. Res. Commun. 314(1):54-62(2004) Puente, X.S., et al. Nat. Rev. Genet. 4(7):544-558(2003)