

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

Specification

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)