

USP27X Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16881a**Specification**

USP27X Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession
Other Accession[A6NNY8](#)
[NP_001138545.1](#)**USP27X Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 389856**Other Names**

Ubiquitin carboxyl-terminal hydrolase 27, Deubiquitinating enzyme 27, Ubiquitin carboxyl-terminal hydrolase 22-like, Ubiquitin thioesterase 27, Ubiquitin-specific-processing protease 27, X-linked ubiquitin carboxyl-terminal hydrolase 27, USP27X, USP22L, USP27

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.

USP27X Antibody (N-term) Blocking Peptide - Protein Information**Name** USP27X {ECO:0000303|PubMed:31534008, ECO:0000312|HGNC:HGNC:13486}**Function**

Deubiquitinase involved in innate antiviral immunity by mediating deubiquitination of CGAS and RIGI (PubMed:31534008, PubMed:32027733). Negatively regulates RIGI by mediating 'Lys-63'-linked deubiquitination of RIGI, inhibiting type I interferon signaling (PubMed:32027733). Also regulates 'Lys-63'-linked ubiquitination level of MDA5/IFIH1 (PubMed:32027733). Acts as a positive regulator of the cGAS-STING pathway by catalyzing 'Lys-48'-linked deubiquitination of CGAS, thereby promoting its stabilization (PubMed:31534008). Can reduce the levels of BCL2L11/BIM ubiquitination and stabilize BCL2L11 in response to the RAF-MAPK-degradation signal (By similarity). By acting on BCL2L11 levels, may counteract the anti-apoptotic effects of MAPK activity (By similarity).

Cellular Location

Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q8CEG8}. Nucleus {ECO:0000250|UniProtKB:Q8CEG8}

USP27X Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

USP27X Antibody (N-term) Blocking Peptide - Images**USP27X Antibody (N-term) Blocking Peptide - References**

Puente, X.S., et al. Nat. Rev. Genet. 4(7):544-558(2003)