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# USP27X Antibody (N-term) Blocking Peptide

**Synthetic peptide**
**Catalog # BP16881a**

## Specification

### USP27X Antibody (N-term) Blocking Peptide - Product Information

| | |
|---|---|
| Primary Accession | A6NNY8 |
| Other Accession | 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:<a href="http://www.uniprot.org/citations/31534008" target="_blank">31534008</a>, PubMed:<a href="http://www.uniprot.org/citations/32027733" target="_blank">32027733</a>). Negatively regulates RIGI by mediating 'Lys-63'- linked deubiquitination of RIGI, inhibiting type I interferon signaling (PubMed:<a href="http://www.uniprot.org/citations/32027733" target="_blank">32027733</a>). Also regulates 'Lys-63'-linked ubiquitination level of MDA5/IFIH1 (PubMed:<a href="http://www.uniprot.org/citations/32027733" target="_blank">32027733</a>). Acts as a positive regulator of the cGAS-STING pathway by catalyzing 'Lys-48'-linked deubiquitination of CGAS, thereby promoting its stabilization (PubMed:<a href="http://www.uniprot.org/citations/31534008" target="_blank">31534008</a>). 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)