

**RNF219 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17601c****Specification**

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**RNF219 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q5W0B1](#)**RNF219 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 79596**Other Names**

RING finger protein 219, RNF219, C13orf7

**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.

**RNF219 Antibody (Center) Blocking Peptide - Protein Information****Name** OBI1 ([HGNC:20308](#))**Synonyms** C13orf7, RNF219**Function**

E3 ubiquitin ligase essential for DNA replication origin activation during S phase (PubMed:&lt;a href="http://www.uniprot.org/citations/31160578" target="\_blank"&gt;31160578&lt;/a&gt;). Acts as a replication origin selector which selects the origins to be fired and catalyzes the multi-mono-ubiquitination of a subset of chromatin-bound ORC3 and ORC5 during S-phase (PubMed:&lt;a href="http://www.uniprot.org/citations/31160578" target="\_blank"&gt;31160578&lt;/a&gt;).

**Cellular Location**

Chromosome. Note=Association to chromatin is cell cycle-regulated, absent from mitotic chromosomes, is associated with chromatin from G1 and partially released from chromatin from mid S-phase

**RNF219 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **RNF219 Antibody (Center) Blocking Peptide - Images**

#### **RNF219 Antibody (Center) Blocking Peptide - Background**

C13orf7 is phosphorylated upon DNA damage, probably by ATM or ATR. However, the function of C13orf7 remains unknown.

#### **RNF219 Antibody (Center) Blocking Peptide - References**

Barber, M.J., et al. PLoS ONE 5 (3), E9763 (2010) :Matsuoka, S., et al. Science 316(5828):1160-1166(2007)Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)Dunham, A., et al. Nature 428(6982):522-528(2004)