

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

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:31160578). 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:31160578).

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)