

### **RNF219 Antibody (Center)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP17601C

## **Specification**

# **RNF219 Antibody (Center) - Product Information**

**Application** WB,E **Primary Accession** O5W0B1 Other Accession NP 078822.3 Reactivity Human Host **Rabbit** Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 81116 Antigen Region 275-302

### RNF219 Antibody (Center) - Additional Information

#### **Gene ID 79596**

#### **Other Names**

RING finger protein 219, RNF219, C13orf7

#### Target/Specificity

This RNF219 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 275-302 amino acids from the Central region of human RNF219.

# **Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

### **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

## **Precautions**

RNF219 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

### RNF219 Antibody (Center) - 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**

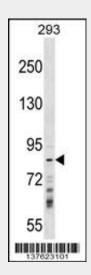
Chromosome. Note=Association to chromatin is cell cycle-regulated, absent from mitotic chromosomes, is associated with chromatin from G1 and partially released from chromatin from mid S-phase

## **RNF219 Antibody (Center) - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

### RNF219 Antibody (Center) - Images



RNF219 Antibody (Center) (Cat. #AP17601c) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the RNF219 antibody detected the RNF219 protein (arrow).

## RNF219 Antibody (Center) - Background

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

#### **RNF219 Antibody (Center) - 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)