

C11orf54 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9072b**Specification**

C11orf54 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9H0W9](#)**C11orf54 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 28970**Other Names**

Ester hydrolase C11orf54, 31--, C11orf54

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9072b](/products/AP9072b) was selected from the C-term region of human C11orf54. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

C11orf54 Antibody (C-term) Blocking Peptide - Protein Information**Name** C11orf54**Function**

Exhibits ester hydrolase activity on the substrate p- nitrophenyl acetate, in vitro (PubMed: [16522806](http://www.uniprot.org/citations/16522806)). Regulates DNA damage and repair by regulating HIF1A degradation via chaperone-mediated autophagy (CMA) (PubMed: [37277441](http://www.uniprot.org/citations/37277441)).

Cellular Location

Nucleus. Cytoplasm. Note=Mainly located in the cytoplasm

C11orf54 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

C11orf54 Antibody (C-term) Blocking Peptide - Images

C11orf54 Antibody (C-term) Blocking Peptide - Background

C11orf54 exhibits ester hydrolase activity on the substrate p-nitrophenyl acetate.

C11orf54 Antibody (C-term) Blocking Peptide - References

Venkatesan,K., et.al. Nat. Methods 6 (1), 83-90 (2009)Wan,D., et.al., Proc. Natl. Acad. Sci. U.S.A. 101 (44), 15724-15729 (2004)