

JMJD8 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9021c**Specification**

JMJD8 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q96S16](#)**JMJD8 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 339123**Other Names**

JmjC domain-containing protein 8, Jumonji domain-containing protein 8, JMJD8, C16orf20

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9021c](/products/AP9021c) was selected from the Center region of human JMJD8. 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.

JMJD8 Antibody (Center) Blocking Peptide - Protein Information**Name** JMJD8 ([HGNC:14148](#))**Function**

Functions as a positive regulator of TNF-induced NF-kappa-B signaling (PubMed:[27671354](http://www.uniprot.org/citations/27671354)). Regulates angiogenesis and cellular metabolism through interaction with PKM (PubMed:[27199445](http://www.uniprot.org/citations/27199445)).

Cellular Location

Endoplasmic reticulum lumen. Cytoplasm

JMJD8 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

JMJD8 Antibody (Center) Blocking Peptide - Images

JMJD8 Antibody (Center) Blocking Peptide - Background

PP14397 is a jumonji C (JmjC) domain containing a putative histone demethylase. The JmjC domain belongs to the Cupin superfamily. JmjC-domain proteins may be protein hydroxylases that catalyse a novel histone modification.

JMJD8 Antibody (Center) Blocking Peptide - References

Wan D., et.al., Proc. Natl. Acad. Sci. U.S.A. 101:15724-15729(2004).