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C17orf95 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP13464b

Specification

C17orf95 Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q86XA0

C17orf95 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 124512

Other Names
Methyltransferase-like protein 23, 211-, METTL23, C17orf95

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13464b was selected from the C-term region of C17orf95. 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.

C17orf95 Antibody (C-term) Blocking peptide - Protein Information

Name METTL23 {ECO:0000303|PubMed:24501276, ECO:0000312|HGNC:HGNC:26988}

Function
Histone methyltransferase that dimethylates histone H3 at 'Arg-17', forming asymmetric dimethylarginine (H3R17me2a), leading to activate transcription via chromatin remodeling (By similarity). Maternal factor involved in epigenetic chromatin reprogramming of the paternal genome in the zygote: mediates H3R17me2a, promoting histone H3.3 incorporation in the male pronucleus, leading to TET3 recruitment and subsequent DNA demethylation (By similarity).

Cellular Location
Nucleus. Cytoplasm Note=Localizes in male and female zygote pronucleus and cytoplasm {ECO:0000250|UniProtKB:A2AA28}

C17orf95 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

C17orf95 Antibody (C-term) Blocking peptide - Images

C17orf95 Antibody (C-term) Blocking peptide - Background

The specific function of the protein remains unknown.

C17orf95 Antibody (C-term) Blocking peptide - References

Strausberg, R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903(2002)

C17orf95 Antibody (C-term) Blocking peptide - Citations

- Disruption of the methyltransferase-like 23 gene METTL23 causes mild autosomal recessive intellectual disability.