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C17orf96 Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP13269c

Specification

C17orf96 Antibody (Center) Blocking peptide - Product Information

Primary Accession A6NHQ4

C17orf96 Antibody (Center) Blocking peptide - Additional Information

Gene ID 100170841

Other Names
Uncharacterized protein C17orf96, C17orf96

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13269c was selected from the Center region of C17orf96. 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.

C17orf96 Antibody (Center) Blocking peptide - Protein Information

Name EPOP (HGNC:34493)

Function
Scaffold protein that serves as a bridging partner between the PRC2/EZH2 complex and the elongin BC complex: required to fine-tune the transcriptional status of Polycomb group (PcG) target genes in embryonic stem cells (ESCs). Plays a key role in genomic regions that display both active and repressive chromatin properties in pluripotent stem cells by sustaining low level expression at PcG target genes: acts by recruiting the elongin BC complex, thereby restricting excessive activity of the PRC2/EZH2 complex. Interaction with USP7 promotes deubiquitination of H2B at promoter sites. Acts as a regulator of neuronal differentiation.

Cellular Location
Nucleus {ECO:0000250|UniProtKB:Q7TNS8}. Chromosome {ECO:0000250|UniProtKB:Q7TNS8}. Note=Localizes at both PRC2/EZH2 sites (H3K27me3) and broad H3K4me3 sites on chromatin of embryonic stem cells (ESCs). {ECO:0000250|UniProtKB:Q7TNS8}

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C17orf96 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

C17orf96 Antibody (Center) Blocking peptide - Images

C17orf96 Antibody (Center) Blocking peptide - Background

The specific function of this protein remains unknown.

C17orf96 Antibody (Center) Blocking peptide - References

Zody, M.C., et al. Nature 440(7087):1045-1049(2006)