

**(Mouse) Suz12 Blocking Peptide (Center)**  
**Synthetic peptide**  
**Catalog # BP21242c**

**Specification**

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**(Mouse) Suz12 Blocking Peptide (Center) - Product Information**

Primary Accession [Q80U70](#)

**(Mouse) Suz12 Blocking Peptide (Center) - Additional Information**

**Gene ID** 52615

**Other Names**

Polycomb protein Suz12, Suppressor of zeste 12 protein homolog, Suz12, D11Ert530e, Kiaa0160

**Target/Specificity**

The synthetic peptide sequence is selected from aa 381-395 of HUMAN Suz12

**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.

**(Mouse) Suz12 Blocking Peptide (Center) - Protein Information**

**Name** Suz12

**Synonyms** D11Ert530e, Kiaa0160

**Function**

Polycomb group (PcG) protein. Component of the PRC2/EED-EZH2 complex, which methylates 'Lys-9' (H3K9me) and 'Lys-27' (H3K27me) of histone H3, leading to transcriptional repression of the affected target gene. The PRC2/EED-EZH2 complex may also serve as a recruiting platform for DNA methyltransferases, thereby linking two epigenetic repression systems (By similarity). Genes repressed by the PRC2/EED- EZH2 complex include HOXA7, HOXB6 and HOXC8.

**Cellular Location**

Nucleus. Chromosome. Note=Localizes to the inactive X chromosome in trophoblast stem cells

**Tissue Location**

Expressed in embryonic stem cells.

**(Mouse) Suz12 Blocking Peptide (Center) - Protocols**

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

- [Blocking Peptides](#)

**(Mouse) Suz12 Blocking Peptide (Center) - Images****(Mouse) Suz12 Blocking Peptide (Center) - Background**

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**(Mouse) Suz12 Blocking Peptide (Center) - References**

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