

SMYD4 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11581b**Specification**

SMYD4 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q8IYR2](#)**SMYD4 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 114826**Other Names**

SET and MYND domain-containing protein 4, 211-, SMYD4, KIAA1936

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.

SMYD4 Antibody (C-term) Blocking peptide - Protein Information**Name** SMYD4**Synonyms** KIAA1936**Function**

Plays a critical role in cardiac development (PubMed:30110327). Acts as a key epigenetic regulator of gene expression during cardiac development via its dual activities as a methyltransferase and negative regulator of HDAC1 (By similarity).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q8BTK5}. Cytoplasm {ECO:0000250|UniProtKB:Q8BTK5}

SMYD4 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SMYD4 Antibody (C-term) Blocking peptide - Images

SMYD4 Antibody (C-term) Blocking peptide - Background

The specific function of the protein remains unknown.

SMYD4 Antibody (C-term) Blocking peptide - References

O'Seaghdha, C.M., et al. Hum. Mol. Genet. 19(21):4296-4303(2010) Rose, J.E., et al. Mol. Med. 16(7-8), 247-253 (2010) :Hu, L., et al. Cancer Res. 69(9):4067-4072(2009)