10320 Camino Santa Fe, Suite G
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SMYD4 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP11581b

Specification

SMYD4 Antibody (C-term) Blocking peptide - Product Information

Primary 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

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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)