

DPPA4 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP1438a**Specification**

DPPA4 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q7L190](#)

DPPA4 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 55211

Other Names

Developmental pluripotency-associated protein 4, DPPA4

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1438a](/product/products/AP1438a) was selected from the N-term region of human DPPA4. 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.

DPPA4 Antibody (N-term) Blocking Peptide - Protein Information

Name DPPA4

Function

May be involved in the maintenance of active epigenetic status of target genes. May inhibit differentiation of embryonic cells into a primitive ectoderm lineage.

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q8CCG4}. Note=Associated with transcriptionally active chromatin {ECO:0000250|UniProtKB:Q8CCG4}

DPPA4 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

DPPA4 Antibody (N-term) Blocking Peptide - Images

DPPA4 Antibody (N-term) Blocking Peptide - Background

DppA4 is a member of the Dppa family of developmental pluripotency associated transcription factors. Dppa4 is a target of Oct4, Sox2 and Nanog. It may play a role in maintaining cell pluripotentiality.

DPPA4 Antibody (N-term) Blocking Peptide - References

Bortvin,A., Development 130 (8), 1673-1680 (2003)