

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

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**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)