

DPPA2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP8642d**Specification**

DPPA2 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q7Z7J5](#)**DPPA2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 151871**Other Names**

Developmental pluripotency-associated protein 2, Pluripotent embryonic stem cell-related gene 1 protein, DPPA2, PESCRG1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8642d](/products/AP8642d) was selected from the N-term region of human DPPA2. 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.

DPPA2 Antibody (N-term) Blocking Peptide - Protein Information**Name** DPPA2**Synonyms** PESCRG1**Function**

Binds to target gene promoters, including NKX2-5 and SYCE1, but not GATA4, and may be involved in the maintenance of the active epigenetic status of these genes.

Cellular Location

Nucleus.

Tissue Location

Expressed in embryonic stem cells. No expression is seen in 5 months embryo, mesenchymal stem cells, embryonic fibrocytes and adult tissues.

DPPA2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

DPPA2 Antibody (N-term) Blocking Peptide - Images**DPPA2 Antibody (N-term) Blocking Peptide - Background**

DPPA2 may play a role in maintaining cell pluripotentiality.

DPPA2 Antibody (N-term) Blocking Peptide - References

John,T., et.al., Clin. Cancer Res. 14 (11), 3291-3298 (2008)Monk,M., et.al., Mol. Hum. Reprod. 14 (6), 347-355 (2008)