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DPPA2 Antibody
Mouse Monoclonal Antibody (Mab)
Catalog # AM1915b

Specification

DPPA2 Antibody - Product Information

Application	**WB,E**
Primary Accession	Q7Z7J5
Other Accession	NP_620170.3
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1,k**
Calculated MW	**33784**

DPPA2 Antibody - Additional Information

Gene ID 151871

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

Target/Specificity
This DPPA2 monoclonal antibody is generated from mouse immunized with DPPA2 recombinant protein.

Dilution
WB~~1:120~500

Format
Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
DPPA2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

DPPA2 Antibody - 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.

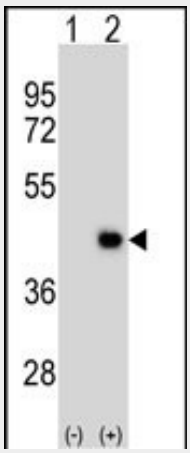
Tissue Location
Expressed in embryonic stem cells. No expression is seen in 5 months embryo, mesenchymal stem cells, embryonic fibrocytes and adult tissues.

DPPA2 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DPPA2 Antibody - Images



Western blot analysis of DPPA2 (arrow) using mouse polyclonal DPPA2 Antibody (Cat. #AM1915b). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the DPPA2 gene.

DPPA2 Antibody - Background

DPPA2 may play a role in maintaining cell pluripotentiality.

DPPA2 Antibody - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :
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John, T., et al. Clin. Cancer Res. 14(11):3291-3298(2008)
Monk, M., et al. Mol. Hum. Reprod. 14(6):347-355(2008)
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