SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-Dppa4/APC Conjugated antibody

Catalog Number: SL13595R-APC

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-Dppa4/APC
Immunogen:	KLH conjugated synthetic peptide derived from human Dppa4
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	ICC/IF=1:50-200 IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:Human,Mouse,Rat)
Background:	background: DPPA4 (developmental pluripotency associated 4) is a 304 amino acid protein that localizes to the nucleus and is thought to be involved in the maintenance of cell pluripotentiality during embryogenesis. The gene encoding DPPA4 maps to human chromosome 3, which houses over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci. Key tumor suppressing genes on chromosome 3 include those that encode the apoptosis mediator RASSF1, the cell migration regulator HYAL1 and the angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3. **Function:** May be involved in the maintenance of active epigenetic status of target genes (By similarity). May inhibit differentiation of embryonic cells into a primitive ectoderm lineage.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Subcellular Location: Nucleus. **Database links:** **Entrez Gene:** 55211 Human Omim: 614125 Human **SwissProt:** Q7L190 Human **Unigene:** 317659 Human Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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