

# DPPA4 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21202c

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q7L190</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB51241
<b>Calculated MW</b>	33541

## Additional Information

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<b>Gene ID</b>	55211
<b>Other Names</b>	Developmental pluripotency-associated protein 4, DPPA4
<b>Target/Specificity</b>	This DPPA4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 107-142 amino acids from the Central region of human DPPA4.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	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.
<b>Precautions</b>	DPPA4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	DPPA4
<b>Function</b>	May be involved in the maintenance of active epigenetic status of target genes. May inhibit differentiation of embryonic cells into a primitive ectoderm lineage.
<b>Cellular Location</b>	Nucleus {ECO:0000250 UniProtKB:Q8CCG4}. Note=Associated with transcriptionally active chromatin {ECO:0000250 UniProtKB:Q8CCG4}

## Background

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

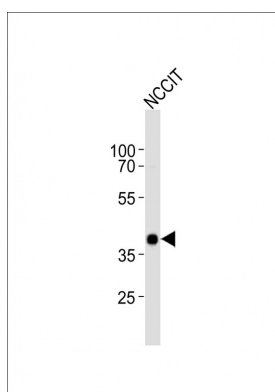
## References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Muzny D.M.,et al.Nature 440:1194-1198(2006).  
Rigbolt K.T.,et al.Sci. Signal. 4:RS3-RS3(2011).

## Images

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Anti-DPPA4 Antibody (Center) at 1:1000 dilution + NCCIT whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 34 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.