10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DPPA4 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21202c

Product Information

Application	WB, E
Primary Accession	Q7L190
Reactivity	Human, Rat, Mouse
Predicted	Bovine
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB51241
Calculated MW	33541

Additional Information

Gene ID	55211
Other Names	Developmental pluripotency-associated protein 4, DPPA4
Target/Specificity	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.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	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.
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	DPPA4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

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}

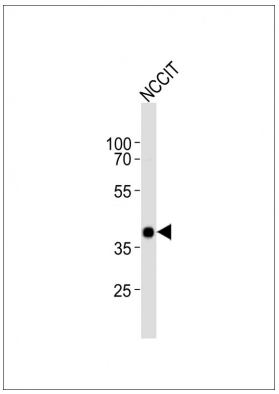
Background

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

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



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.

Citations

- Embryonic stem cell factors DPPA2/4 amplify active H3K4me3-H2AK119ub chromatin domains in non-small cell lung cancer.

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