

Rabbit anti-Human DPPA4 Polyclonal Antibody | anti-DPPA4 antibody

DPPA4 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285238	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

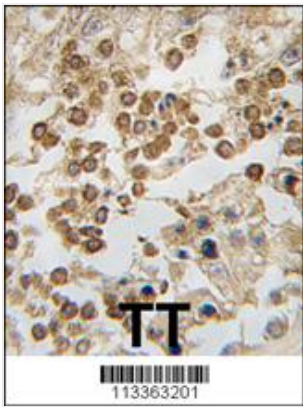
PRODUCT SYNONYMS

DPPA4; Polyclonal Antibody; DPPA4 Antibody (N-term); Developmental pluripotency-associated protein 4; anti-DPPA4 antibody

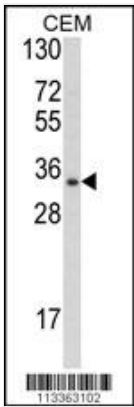
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DPPA4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 50-79 amino acids from the N-terminal region of human DPPA4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	50-79
Sequence Length	304
Applicable Applications for anti-DPPA4 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human testis tissue reacted with DPPA4 antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of DPPA4 Antibody (N-term) in CEM cell line lysates (35ug/lane). DPPA4 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-DPPA4 antibody	DppA4 is a member of the Dppa family of developmental pluripotency associated transcription factors. Dppa4 is a target of Oct4, Sox2 and Nanog. It may play a role in maintaining cell pluripotentiality.
Product Categories/Family for anti-DPPA4 antibody	Developmental Biology; Signal Transduction
References	Bortvin,A., Development 130 (8), 1673-1680 (2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	144953903
NCBI GeneID	55211
NCBI Accession #	NP_060659.3
NCBI GenBank Nucleotide #	NM_018189.3
UniProt Accession #	Q7L190; Q9H9N5; Q9NVI6; A8K4M7
Molecular Weight	33541
NCBI Official Full Name	developmental pluripotency-associated protein 4
NCBI Official Synonym Full Names	developmental pluripotency associated 4
NCBI Official Symbol	DPPA4
NCBI Official Synonym Symbols	2410091M23Rik
NCBI Protein Information	developmental pluripotency-associated protein 4
UniProt Protein Name	Developmental pluripotency-associated protein 4
UniProt Gene Name	DPPA4
UniProt Entry Name	DPPA4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.