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Datasheet for ABIN1387841 anti-DPPA5 antibody (AA 1-100)



Overview

Quantity:	100 µL	
Target:	DPPA5	
Binding Specificity:	AA 1-100	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This DPPA5 antibody is un-conjugated	
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin- embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DPPA5	
Isotype:	lgG	
Predicted Reactivity:	Human,Mouse,Rat,Rabbit	
Purification:	Purified by Protein A.	
Target Details		
Target:	DPPA5	
Alternative Name:	DPPA5 (DPPA5 Products)	

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Target Details

Background:	Synonyms: Developmental pluripotency associated 5, DPPA5, Embryonal stem cell specic gene
	1 protein, Esg 1, ESG1, hDPPA5, DPPA5_HUMAN.
	Background: DPPA5 is a 116 amino acid protein that localizes to the cytoplasm and contains
	one KH domain. Expressed in embryonic germ (EG), primordial germ (PG) and embryonic stem
	(ES) cells, DPPA5 plays an important role in the maintenance of ES cell pluripotency and may be
	necessary for proper embryogenesis. The gene encoding DPPA5 maps to human chromosome
	6, which contains 170 million base pairs and comprises nearly 6 % of the human genome.
	Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal
	cancer, suggesting the presence of a cancer susceptibility locus. Additionally, Porphyria
	cutanea tarda, Parkinson's disease, Stickler syndrome and a susceptibility to bipolar disorder
	are all associated with genes that map to chromosome 6.
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Gene ID:

340168

Application Details

Application Notes:	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Format:	Liquid	
Concentration:	1 µg/µL	
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	

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Expiry Date:

12 months

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