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# Datasheet for ABIN1395697 anti-DPPA5 antibody (AA 1-100) (Biotin)



#### Overview

Quantity:	100 µL
Target:	DPPA5
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPPA5 antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DPPA5
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Rabbit
Purification:	Purified by Protein A.

#### Target Details

Target:	DPPA5
Alternative Name:	DPPA5 (DPPA5 Products)
Background:	Synonyms: Developmental pluripotency associated 5, DPPA5, Embryonal stem cell specic gene

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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.

Gene ID:

340168

## Application Details

Application Notes:	IHC-P 1:200-400
	IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months

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