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Datasheet for ABIN5001478

anti-DPPA5 antibody (AA 1-100) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	DPPA5
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPPA5 antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (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

Target Details

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: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months