Rabbit anti-Human, Mouse Stella Polyclonal Antibody | anti-DPPA3 antibody

Stella Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311915	**Rabbit**	**Human, Mouse**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Stella; Polyclonal Antibody; Stella Antibody; Compaction associated protein 1 antibody; Developmental pluripotency associated 3 antibody; Developmental pluripotency associated protein 3 antibody; Developmental pluripotency-associated protein 3 antibody; Dppa3 antibody; DPPA3_HUMAN antibody; PGC7 antibody; Stella related protein antibody; Stella-related protein antibody; anti-DPPA3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-DPPA3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded mouse teratoma tissue using anti-Stella rabbit polyclonal antibody.

WB (Western Blot)
Western blot analysis on cell lysates using anti-Stella rabbit polyclonal antibodies.

ADDITIONAL INFORMATION

Related Product Information for anti-DPPA3 antibody	Stella is a primordial germ cell (PGCs)-specific protein involved in epigenetic chromatin reprogramming in the zygote following fertilization. It participates in protection of DNA methylation in the maternal pronucleus by preventing conversion of 5mC to 5hmC: specifically recognizes and binds histone H3 dimethylated at 'Lys-9' (H3K9me2) on maternal genome, and protects maternal genome from TET3-mediated conversion to 5hmC and subsequent DNA demethylation. It is important for the totipotent/pluripotent states continuing through preimplantation development.
Product Categories/Family for anti-DPPA3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	40548326
NCBI GeneID	359787
NCBI Accession #	NP_954980.1
NCBI GenBank Nucleotide #	NM_199286.3
UniProt Accession #	Q6W0C5; Q0P5U3; Q6JZS6
Molecular Weight	17,851 Da
NCBI Official Full Name	developmental pluripotency-associated protein 3
NCBI Official Synonym Full Names	developmental pluripotency associated 3
NCBI Official Symbol	DPPA3
NCBI Official Synonym Symbols	STELLA
NCBI Protein Information	developmental pluripotency-associated protein 3; stella-related protein
UniProt Protein Name	Developmental pluripotency-associated protein 3
UniProt Gene Name	**DPPA3**
UniProt Synonym Gene Names	STELLAR
UniProt Entry Name	DPPA3_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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/stella-antibody-immunohistochemistry-western-blot-elisa/311915