

Anti-Stella DPPA3 Antibody

Catalog Number: A09073

About DPPA3

Stella was initially identified in primordial germ cells and pre-implantation embryos whose expression as a maternal factor is important in early embryonic development but is not required for germ cell specification in mice. In humans, Stella is thought to be a marker for pluripotency in embryonic stem (ES) cells as its expression is observed in primordial germ cells of both sexes and germ cell tumors but not in normal somatic tissues. However, in ES cell colonies, heterogeneous expression of Stella was seen in high throughput in situ hybridization assays, indicating that higher levels of complexity exist in otherwise thought to be undifferentiated ES cells. At least two distinct isoforms of Stella are known to exist.

Overview

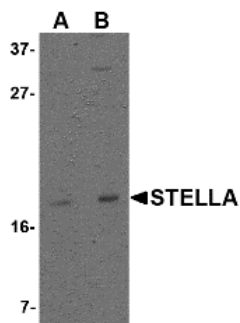
Product Name	Anti-Stella DPPA3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Stella DPPA3 Antibody (Catalog # A09073). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	Stella Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	Stella antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q6W0C5

Technical Details

Immunogen	Stella antibody was raised against a 13 amino acid synthetic peptide from near the carboxy terminus of human Stella. The immunogen is located within the last 50 amino acids of Stella.
Predicted Reactive Species	Chicken
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	Stella Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	Stella antibody can be used for detection of Stella by Western blot at 1 - 2 ug/mL. Antibody validated: Western Blot in human samples. All other applications and species not yet

tested. Optimal dilutions for each application should be determined by the researcher.

Anti-Stella DPPA3 Antibody (A09073) Images



Western blot analysis of Stella in 293 cell lysate with Stella antibody at (A) 1 and (B) 2 ug/mL.

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Anti-Stella DPPA3 Antibody

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