BOSTER BIOLOGICAL TECHNOLOGY
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# 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.

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## Overview

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|---|---|
| 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 ≤0.09% sodium azide. |
| Storage Instructions | Stella antibody can be stored at 4°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

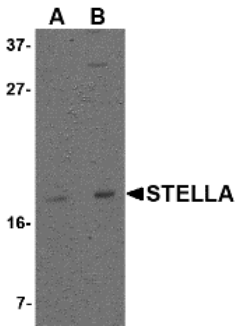
| | |
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| Immunogen | Stella antibody was raised against a 13 amino acid synthetic peptide from near the carboxy terminus of human Stella. The immunogen is located within the last 50 amino acids of Stella. |
| Predicted Reactive Species | Chicken |
| Isotype | IgG |

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| 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.<br>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. |

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# 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.

Anti-Stella DPPA3 Antibody

For Research Use Only. Not for use in diagnostic procedures.