Datasheet for ABIN500825

# anti-STELLAR/DPPA3 antibody (C-Term)

Go to Product page

## 1 Image

## Overview

| | |
|---|---|
| Quantity: | 0.1 mg |
| Target: | STELLAR/DPPA3 (STELLAR) |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This STELLAR/DPPA3 antibody is un-conjugated |
| Application: | Western Blotting (WB), Enzyme Immunoassay (EIA) |

## Product Details

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|---|---|
| Immunogen: | Stella antibody was raised against a 13 amino acid peptide from near the carboxy terminus of human Stella. |
| Isotype: | IgG |
| Specificity: | This antibody detects STELLAR / DPPA3. |
| Cross-Reactivity (Details): | Species reactivity (tested):Human, mouse, rat |
| Purification: | Peptide affinity chromatography |

## Target Details

| | |
|---|---|
| Target: | STELLAR/DPPA3 (STELLAR) |
| Abstract: | STELLAR Products |

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## Target Details

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|---|---|
| Background: | 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.Synonyms: Developmental pluripotency-associated protein 3, STELLA, Stella-related protein |
| Gene ID: | 359787 |
| NCBI Accession: | NP_954980 |

## Application Details

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|---|---|
| Application Notes: | ELISA. Western blot.<br>Other applications not tested.<br>Optimal dilutions are dependent on conditions and should be determined by the user. |
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Buffer: | PBS containing 0.02 % sodium azide |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freezing and thawing. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer. |

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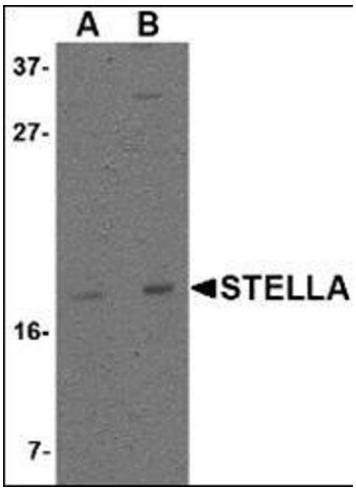


**Western Blotting**

**Image 1.** Western blot analysis of Stella in 293 cell lysate with this product at (A) 1 and (B) 2 µg/ml.

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