

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Stella/Dppa3 in Western blots. In Western blots, approximately 15% cross-reactivity with recombinant human Stella is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant mouse Stella/Dppa3 Met1-Asn150 Accession # Q8QZY3
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein. See Certificate of Analysis for details.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Western Blot	0.1 µg/mL	Recombinant Mouse Stella/Dppa3
Immunohistochemistry	5-15 µg/mL	Perfusion fixed frozen sections of mouse ovary

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Stella, also known as Dppa3 (Developmental pluripotency-associated 3) and PGC7 (primordial germ cell 7) is expressed in primordial germ cells, oocytes, preimplantation embryos, and pluripotent cells. Although the function of Stella is not known, the expression pattern of the protein suggests a role in the maintenance of cell pluripotency.