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11-12035: Polyclonal Antibody to Stellar

Clonality: Polyclonal

Application: WB
Reactivity: Human
Gene: DPPA3
Gene ID: 359787
Uniprot ID: Q6W0C5
Format: Purified

Alternative Name: DPPA3,STELLAR Isotype: Rabbit IgG

Immunogen Information: Full length recombinant Stellar protein was used as the immunogen for this antibody.

Description

Stella-related (STELLAR) or Developmental pluripotency associated 3 pseudogene 2 (DPPA3P2) protein is a highly divergent protein (with just 32.1% identity to mouse stella over the 159 amino acid sequence) that maps to human chromosome 12p13. Human STELLAR is located distal to a previously uncharacterized homeobox gene, which is the human homolog of the recently identified murine gene, Nanog, and proximal to the GDF3 locus, whose transcription is restricted to germ cell tumor cells. STELLAR is enriched in organs containing pluripotent cells. STELLAR expression was found in fetal ovary with no detectable expression in any other fetal somatic tissue. STELLAR is generally localized to the ovary and testis in undifferentiated lines, and that expression decreased with differentiation.

Product Info

Amount : 25 μg / 100 μg

Purification: Protein A Chromatography

Content: 25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium

azide is highly toxic.

Storage condition : Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Western blot analysis: 2-4 µg/ml

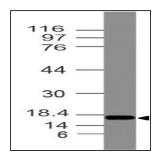


Fig-1: Expression analysis Stellar. Anti-Stellar antibody (11-12035) was used at 2 μg/ml on HepG2 lysate.