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## 11-12042: Polyclonal Antibody to DPPA4

**Clonality:** Polyclonal

Application: WB Reactivity: Human Gene: DPPA4 Gene ID: 55211 **Uniprot ID:** Q7L190 Format: Purified **Alternative Name:** DPPA4 Rabbit IgG Isotype:

Immunogen Information: A partial length recombinant DPPA4 protein (amino acids 1-206) was used as the immunogen

for this antibody.

## **Description**

DPPA4 (Developmental pluripotency-associated 4) is a DNA binding SAP domain-containing protein. It is highly expressed in embryonal carcinomas, pluripotent germ cell tumors, and other cancers. It is also mutated in some cancers. DPPA4 overexpression induces cell proliferation through genes related to regulation of G1/S transition. DPPA4 contains a functional HMG/POU cassette and behaves as a Sox2:Oct-3/4 target gene. Sox2 and Oct-3/4 function as master regulators during mammalian embryogenesis.

## **Product Info**

**Amount :**  $25 \mu g / 100 \mu g$ 

**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: 1-2 µg/ml

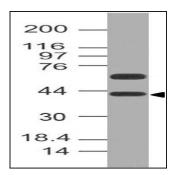


Fig-1: Expression analysis of DPPA4. Anti-DPPA4 antibody (11-12042) was used at 1  $\mu$ g/ml on Jurkat lysate.