

## 11-12042: Polyclonal Antibody to DPPA4

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	DPPA4
<b>Gene ID :</b>	55211
<b>Uniprot ID :</b>	Q7L190
<b>Format :</b>	Purified
<b>Alternative Name :</b>	DPPA4
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	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

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein A Chromatography
<b>Content :</b>	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.
<b>Storage condition :</b>	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

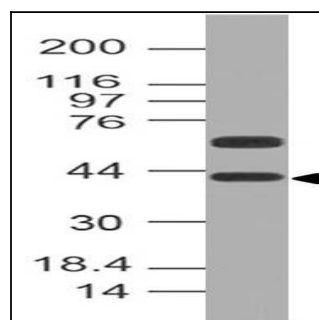


Fig-1: Expression analysis of DPPA4. Anti-DPPA4 antibody (11-12042) was used at 1 µg/ml on Jurkat lysate.