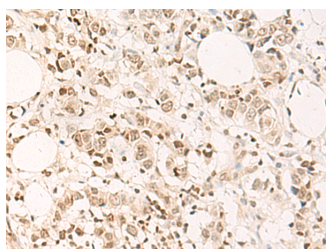


## DPPA4 Polyclonal Antibody

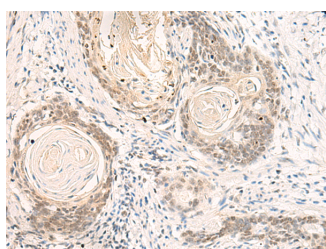
<b>Catalog No.</b>	E-AB-19445	<b>Reactivity</b>	H
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	IHC,ELISA	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using DPPA4 Polyclonal Antibody at dilution of 1:55(×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using DPPA4 Polyclonal Antibody at dilution of 1:55(×200)

### Immunogen Information

<b>Immunogen</b>	Synthetic peptide of human DPPA4
<b>Gene Accession</b>	NP060659
<b>Swissprot</b>	Q7L190
<b>Synonyms</b>	Developmental pluripotency-associated protein 4,Dppa 4,DPPA4,DPPA4,FLJ10713

### Product Information

<b>Buffer</b>	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4
<b>Purify</b>	Antigen affinity purification
<b>Dilution</b>	IHC 1:40-1:200, ELISA 1:5000-1:10000

### Background

This gene encodes a nuclear factor that is involved in the maintenance of pluripotency in stem cells and essential for embryogenesis. The encoded protein has a scaffold-attachment factor A/B, acinus and PIAS (SAP) domain that binds DNA and is thought to modify chromatin. Mice with a homozygous knockout of the orthologous gene die during late embryonic development or within hours after birth. Knockout embryos are normal in size at embryonic day 18.5 but exhibit skeletal and lung tissue abnormalities. This gene, when mutated, is highly expressed in embryonal carcinomas, pluripotent germ cell tumors, and other cancers and is thought to play an important role in tumor progression. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants.

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