

Anti-DPPA4 antibody

| | |
|-----------------|---|
| Cat. No. | ml262869 |
| Package | 25 µl/100 µl/200 µl |
| Storage | -20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol |

Product overview

| | |
|---------------------|---------------------------------------|
| Description | Anti-DPPA4 rabbit polyclonal antibody |
| Applications | ELISA, IHC |
| Immunogen | Synthetic peptide of human DPPA4 |
| Reactivity | Human |
| Content | 1.56 mg/ml |
| Host species | Rabbit |
| Ig class | Immunogen-specific rabbit IgG |
| Purification | Antigen affinity purification |

Target information

| | |
|------------------|---|
| Symbol | DPPA4 |
| Full name | developmental pluripotency associated 4 |
| Synonyms | 2410091M23Rik |
| Swissprot | Q7L190 |

Target 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.

订购热线: 4008-898-798

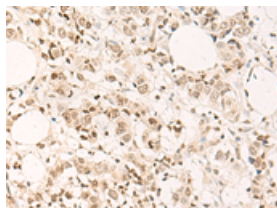
Applications

Immunohistochemistry

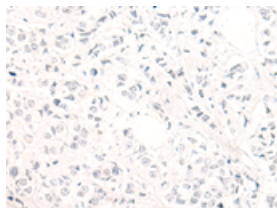
Predicted cell location: Nucleus

Positive control: Human breast cancer

Recommended dilution: 40-200



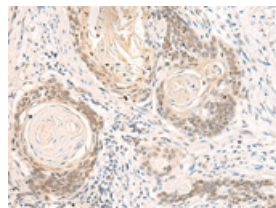
The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml262869(DPPA4 Antibody) at dilution 1/55, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)



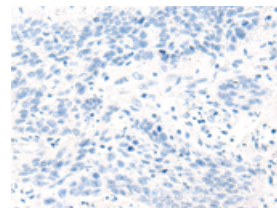
Predicted cell location: Nucleus

Positive control: Human esophagus cancer

Recommended dilution: 40-200



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml262869(DPPA4 Antibody) at dilution 1/55, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)



ELISA

Recommended dilution: 5000-10000

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