

DPPA4 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10640**Specification**

DPPA4 Antibody - Product Information

Application	WB
Primary Accession	O7L190
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	33541

DPPA4 Antibody - Additional Information**Gene ID** 55211**Application & Usage**

Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Other applications have not been determined. The antibody recognizes ~ 55 kDa human DPP4. Reactivity to other species has not been tested.

Other Names

ADABP , ADCP2, CD26, DPPIV , EC 3.4.14.5, TP103

Target/Specificity

DPPA4

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit anti-DPPA4 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

DPPA4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

DPPA4 Antibody - Protein Information

Name DPPA4

Function

May be involved in the maintenance of active epigenetic status of target genes. May inhibit differentiation of embryonic cells into a primitive ectoderm lineage.

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q8CCG4}. Note=Associated with transcriptionally active chromatin {ECO:0000250|UniProtKB:Q8CCG4}

DPPA4 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DPPA4 Antibody - Images**DPPA4 Antibody - Background**

Developmental pluripotency associated 4 (DPPA4) is a nuclear SAP-domain protein whose expression is restricted to pluripotent cells, undifferentiated embryonal carcinomas and germ cell tumors. DPPA4 is also considered as an embryonic stem cell marker. Human DPPA4 shares 51% amino acids sequence homology with mouse DPPA4.