

## Fibroblast activation protein-alpha (FAP) Antibody

CAB6349

### Description

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This Fibroblast activation protein-alpha (FAP) Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:**

CAB6349

**Contents:**

20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

**Category:**

Polyclonal Antibody

**Synonyms:**

FAPA, SIMP, DPPIV, FAPalpha, Fibroblast activation protein- $\alpha$  (FAP)

**Clone:**

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**Applications:**

WB | IF/ICC | ELISA

**Conjugation:**

Unconjugated

**Reactivity:**

Human, Mouse, Rat

### Antibody Data

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**Gene ID:**

2191

**Uniprot:**

AB\_2766951

**Host Species:**

Rabbit

**Purification:**

Affinity purification

**Observed MW:**

90kDa/95kDa

**Calculated MW:**

88kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

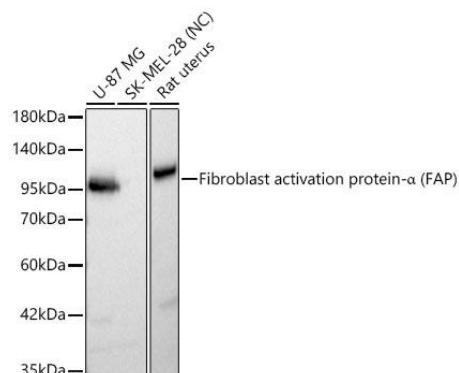
**Positive Sample:** U-87 MG, Rat uterus

**Recommended Dilutions:**

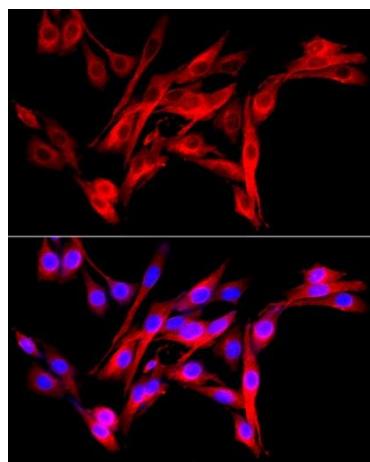
WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data



Western blot analysis of various lysates using Fibroblast activation protein- $\alpha$  (FAP) Rabbit pAb (CAB6349) at 1:1000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Negative control (NC): SK-MEL-28 Exposure time: 30s.



Immunofluorescence analysis of PC-12 cells using Fibroblast activation protein- $\alpha$  (FAP) Rabbit pAb (CAB6349) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.