A6349SP

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Fibroblast activation protein-α (FAP) Rabbit pAb

Catalog No.: A6349SP 23 Publications

Basic Information

Observed MW
95 kDa

Calculated MW
88 kDa/27 kDa

Category
Polyclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human,Mouse,Rat

Background

The protein encoded by this gene is a homodimeric integral membrane gelatinase belonging to the serine protease family. It is selectively expressed in reactive stromal fibroblasts of epithelial cancers, granulation tissue of healing wounds, and malignant cells of bone and soft tissue sarcomas. This protein is thought to be involved in the control of fibroblast growth or epithelial-mesenchymal interactions during development, tissue repair, and epithelial carcinogenesis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB	1:2000 - 1:5000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
2191

Swiss Prot
Q12884

Immunogen
This information is considered to be commercially sensitive.

Synonyms
FAPA; SIMP; DPPIV; FAPalpha; Fibroblast activation protein-α (FAP)

Contact

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Product Information

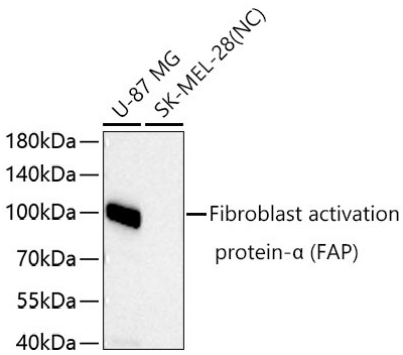
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.

Validation Data



Western blot analysis of various lysates using Fibroblast activation protein-α (FAP) Rabbit pAb (A6349SP) at 1:3000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Negative control (NC): SK-MEL-28.
Exposure time: 60 s.