

Product datasheet for **TA349963S**

Fibroblast activation protein, alpha (FAP) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: MCF-7 cell lysate IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm and Cell membrane
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human FAP
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	fibroblast activation protein alpha
Database Link:	NP_004451 Entrez Gene 14089 Mouse Entrez Gene 2191 Human Q12884

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.

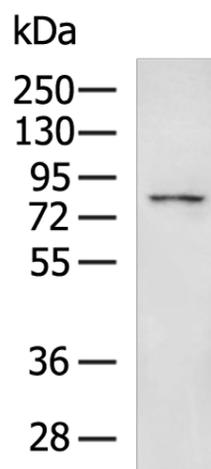
Synonyms: DPPIV; FAPA; SIMP



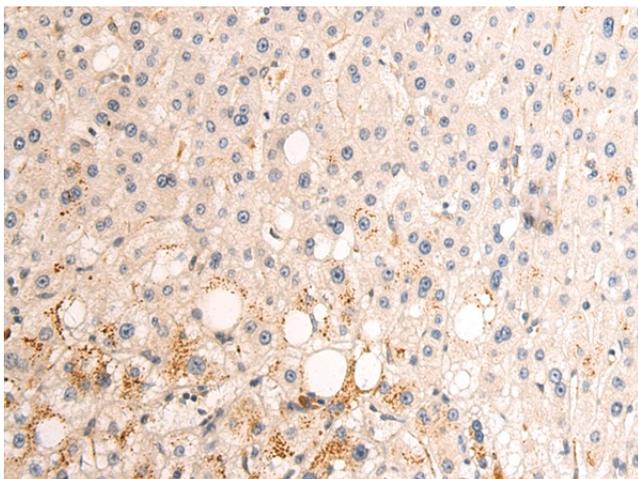
[View online »](#)

Protein Families: Druggable Genome, Protease, Transmembrane

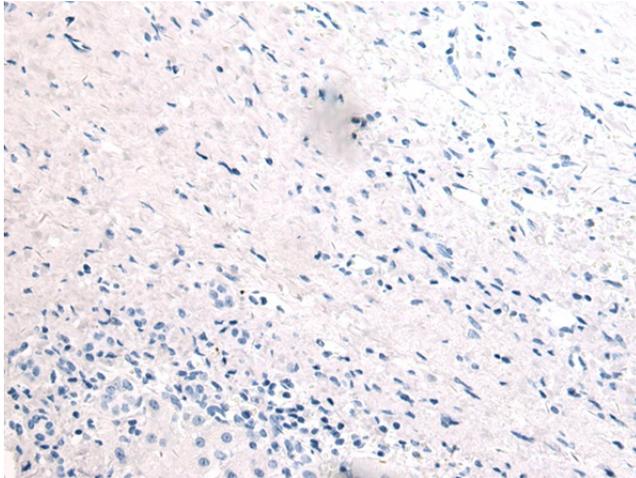
Product images:



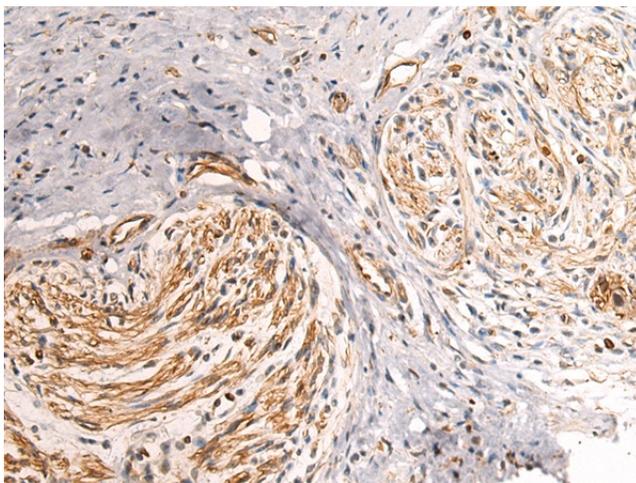
Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: MCF-7 cell lysate
Primary antibody: [TA349963] (FAP Antibody) at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 90 seconds



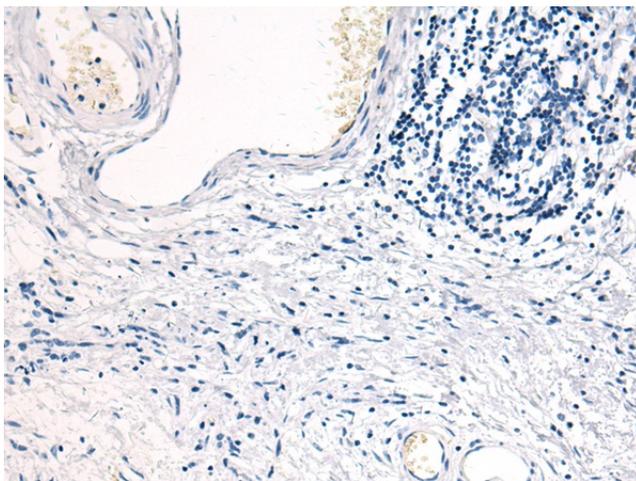
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA349963] (FAP Antibody) at dilution 1/80 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA349963] (FAP Antibody) at dilution 1/80, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA349963] (FAP Antibody) at dilution 1/80 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA349963] (FAP Antibody) at dilution 1/80, treated with fusion protein. (Original magnification: ×200)