

Product datasheet for TA339416

OriGene Technologies, Inc.

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Fibroblast activation protein, alpha (FAP) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for Anti-FAP antibody is: synthetic peptide directed towards the C-terminal

region of Human FAP. Synthetic peptide located within the following region:

SWEYYASVYTERFMGLPTKDDNLEHYKNSTVMARAEYFRNVDYLLIHGTA

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Protein A purified

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 26 kDa

Gene Name: fibroblast activation protein alpha

Database Link: NP 004451

Entrez Gene 2191 Human

Q12884



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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. [provided by RefSeq, Apr 2014]

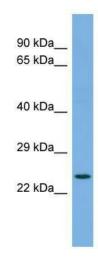
Synonyms: DPPIV; FAPA; SIMP

Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Dog:

93%; Horse: 93%; Bovine: 93%; Rabbit: 93%; Guinea pig: 93%

Protein Families: Druggable Genome, Protease, Transmembrane

Product images:



Host: Rabbit; Target Name: FAP; Sample Tissue: COLO205 Whole cell lysates; Antibody Dilution: 1.0 ug/ml