

Anti-FAP1 Antibody

Catalog Number: A00422-3

About FAP

This antibody is suitable for Cancer, Immunology and Nuclear Signaling research. Fibroblast Activation Protein (FAP) is expressed in the stroma of sites that are undergoing wound healing. In addition, it has recently been reported that FAP is expressed in the stroma of sites of metastatic disease. Inhibition of FAP may lead to a dramatic decrease in the number of metastatic osteosarcoma lung nodules. FAP exists as an inactive monomer and when activated forms homodimers or heterodimers with DPP4. Multiple isoforms of FAP are reported as alternative splicing products from a common gene.

Overview

Product Name	Anti-FAP1 Antibody
Reactive Species	Human
Description	Boster Bio Anti-FAP1 Antibody catalog # A00422-3. Tested in WB,IHC applications. This antibody reacts with Human.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q12884

Technical Details

Immunogen	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region of mouse FAP protein.
Predicted Reactive Species	Canine, Monkey
Isotype	IgG
Form	Liquid
Concentration	1.1 mg/mL by UV absorbance at 280 nm
Purification	ProA affinity purified
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:500-1:1,000

IHC: 1:50-1:200

Anti-FAP1 Antibody (A00422-3) Images

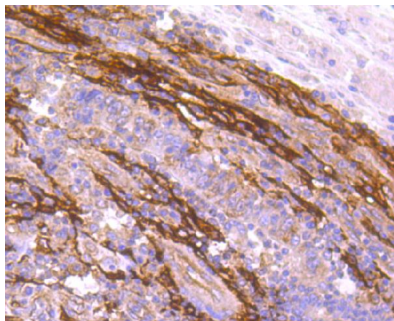


Figure 1. Immunohistochemistry validation of FAP using Anti-FAP1 Antibody (A00422-3).

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-FAP1 antibody. Counter stained with hematoxylin.
For more protocol information of IHC

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