

Anti-Seprase FAP Antibody

Catalog Number: A00422-4

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

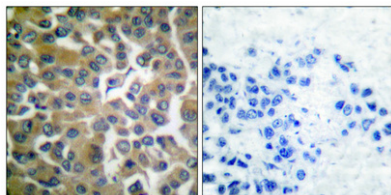
Product Name	Anti-Seprase FAP Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Seprase FAP Antibody catalog # A00422-4. Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
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

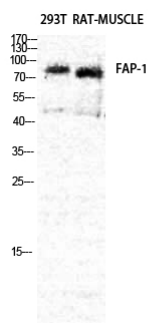
Immunogen	The antiserum was produced against synthesized peptide derived from human FAP-1 at amino acid range 331-380
Predicted Reactive Species	Canine, Monkey
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
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 1:500-1:2000
IHC 1:100-1:300
ELISA 1:10000

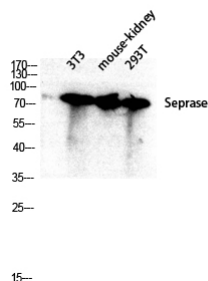
Anti-Seprase FAP Antibody (A00422-4) Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using FAP-1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of RAT-MUSCLE 293T cells using Seprase Polyclonal Antibody diluted at 1:2000



Western blot analysis of 3T3 mouse-kidney 293T lysis using Seprase antibody. Antibody was diluted at 1:2000

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