

Seprase Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08214
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human FAP-1. AA range:331-380
Mol wt	87794
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Seprase Antibody
Synonyms	FAP; Seprase; 170 kDa melanoma membrane-bound gelatinase; Fibroblast activation protein alpha; Integral membrane serine protease

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The fibroblast activation protein alpha encoded by FAP 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. Seprase 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 FAP.

Recommended Dilution

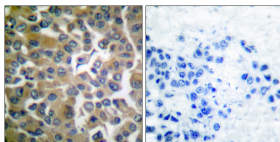
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

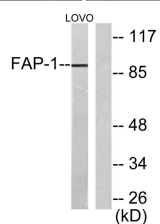
ELISA: 1: 10000

Not yet tested in other applications.

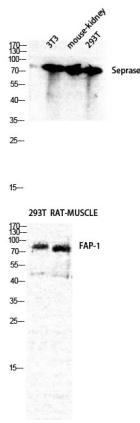
Images



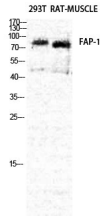
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using FAP-1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from LOVO cells, using FAP-1 Antibody. The lane on the right is blocked with the synthesized peptide.



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



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

Storage

-20°C for one year

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