### bs-5758R

## [ Primary Antibody ]

# Bioss ANTIBODIES

www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

## FAP Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

**Clonality:** Polyclonal

**GenelD:** 2191 **SWISS:** Q12884

Target: FAP

**Immunogen:** KLH conjugated synthetic peptide derived from human FAPA:

311-410/760. < Extracellular >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

**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 epithelialmesenchymal 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]

Applications: IHC-P (1:100-500)

IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000)

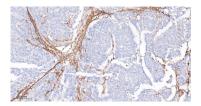
Reactivity: Human, Mouse, Rat

Predicted MW.: 88 kDa

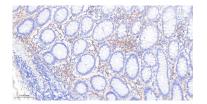
Subcellular Secreted ,Cell membrane

Location: ,Cytoplasm

## VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded Human Esophageal Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with FAP Polyclonal Antibody, Unconjugated (bs-5758R) at 1:200 overnight at  $4^{\circ}\text{C}$ , followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with FAP Polyclonal Antibody, Unconjugated (bs-5758R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

#### - SELECTED CITATIONS -

- [IF=14.588] Junyoung Kim. et al. Three-Dimensional Human Liver-Chip Emulating Premetastatic Niche Formation by Breast Cancer-Derived Extracellular Vesicles. Acs Nano. 2020;14(11):14971–14988 ICC; Human. 32880442
- [IF=12.8] Nataliya Basalova. et al. Mesenchymal stromal cells facilitate resolution of pulmonary fibrosis by miR-29c and miR-129 intercellular transfer. EXP MOL MED. 2023 Jul;:1-14 IHC; Mouse. 37394579
- [IF=7.145] Zhang, Bo, et al. "Enhanced anti-tumor activity of EGFP-EGF1-conjugated nanoparticles by a multi-targeting strategy." ACS Applied Materials & Interfaces (2016). IHC; Mouse. 26890991
- [IF=6.6] Basalova Nataliya A.. et al. Acomys cahirinus develop lung stroma distortion but not fibrosis after bleomycin-induced injury. INFLAMM REGEN. 2025 Dec;45(1):1-11 IHC; Mouse. 40883787

UROTHERAPEUTICS. 2023 Aug;:1-12 WB ;Rat. 37603215					