

FAP polyclonal antibody

Catalog: BS66175

Host: Rabbit

Reactivity: Human, Mouse, Rat

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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 90 kDa

Swiss-Prot:

Q12884

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500-1:1000

IHC: 1:100-1:200

IF/ICC: 1:100-1:500

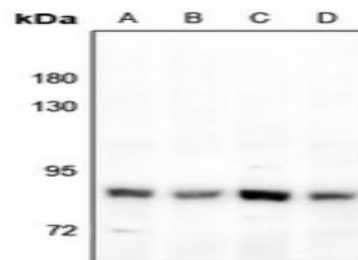
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

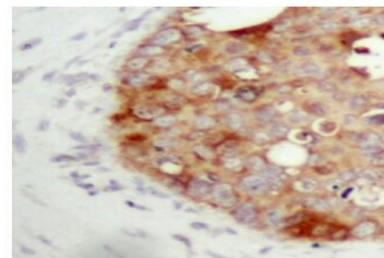
Specificity:

FAP polyclonal antibody detects endogenous levels of FAP protein.

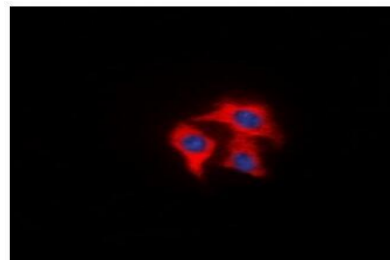
DATA:



Western blot analysis of FAP alpha expression in PC3 (A), H9C2 (B), CT26 (C), HeLa (D) whole cell lysates.



Immunohistochemical analysis of FAP alpha staining in human prostate cancer formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of FAP alpha staining in HeLa cells.

Note:

For research use only, not for use in diagnostic procedure.

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