

FGFBP1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56797

Specification

FGFBP1 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	O14512
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26264

FGFBP1 Polyclonal Antibody - Additional Information

Gene ID 9982

Other Names

Fibroblast growth factor-binding protein 1, FGF-BP, FGF-BP1, FGF-binding protein 1, FGFBP-1, 17 kDa heparin-binding growth factor-binding protein, 17 kDa HBGF-binding protein, HBp17, FGFBP1, FGFBP, HBP17

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

FGFBP1 Polyclonal Antibody - Protein Information

Name FGFBP1

Synonyms FGFBP, HBP17

Function

Acts as a carrier protein that release fibroblast-binding factors (FGFs) from the extracellular matrix (EM) storage and thus enhance the mitogenic activity of FGFs. Enhances FGF2 signaling during tissue repair, angiogenesis and in tumor growth.

Cellular Location

Secreted, extracellular space. Cell membrane; Peripheral membrane protein. Note=Extracellular and plasma membrane- associated. Colocalizes with HSPG2 in the pericellular environment of squamous cell carcinomas.

Tissue Location

Expressed in the suprabasal region of the epidermis, in hair follicles, the basement membrane at the dermo- epidermal junction (occasionally extending into the basement membrane of dermal

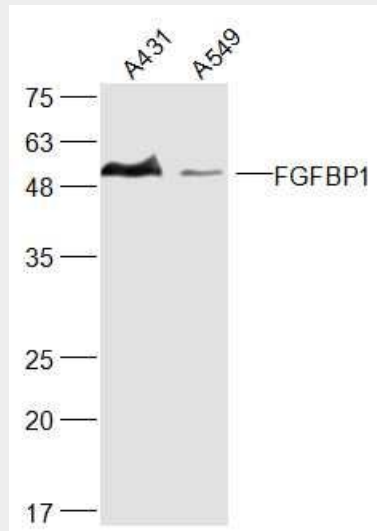
blood vessels), wounded skin and several invasive squamous cell carcinomas (at protein level).
Expressed in normal and wounded skin and various squamous cell carcinomas

FGFBP1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FGFBP1 Polyclonal Antibody - Images



Sample:

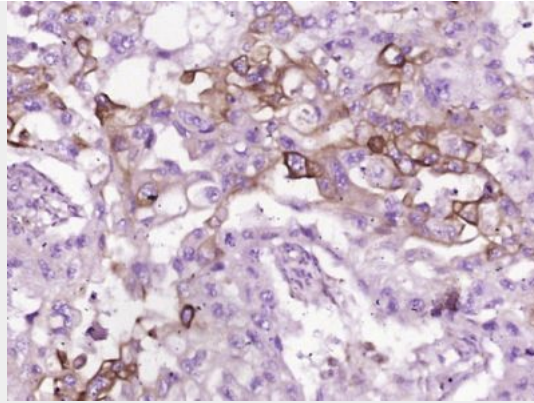
A431(Human) Cell Lysate at 30 ug

Primary: Anti-FGFBP1 (bs-1768R) at 1/300 dilution

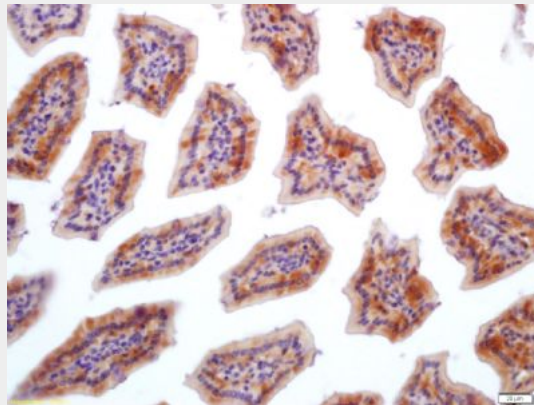
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 28 kD

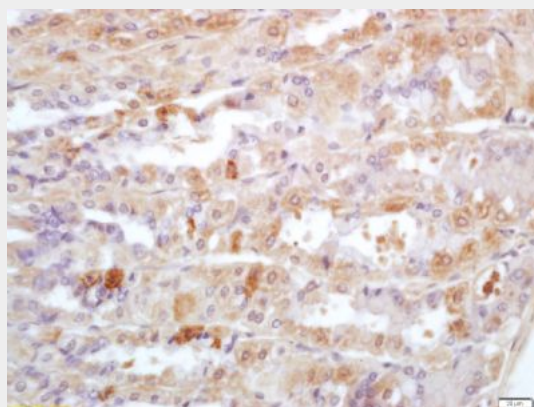
Observed band size: 50 kD



Paraformaldehyde-fixed, paraffin embedded (human skin cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FGFBP1) Polyclonal Antibody, Unconjugated (bs-1768R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: mouse intestine tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-FGFBP1 Polyclonal Antibody, Unconjugated(bs-1768R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: mouse stomach tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at

37°C for 20 min;

Incubation: Anti-FGFBP1 Polyclonal Antibody, Unconjugated(bs-1768R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining