

Basic Information

Product Name	Anti-Fibronectin/FN1 Antibody	
Gene Name	FN1	
Source	Rabbit	
Isotype	IgG	
Species Reactivity	human	
Tested Application	WB, IHC	
Contents	500ug/ml antibody with PBS , 0.02% NaN ₃ , 1mg BSA	
Immunogen	A synthetic peptide	
concentration	500 ug/ml	
Purification	Immunogen affinity purified.	
Observed MW	220-400KD	
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry in paraffin section (IHC): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.	

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

This gene encodes fibronectin, a glycoprotein present in a soluble dimeric form in plasma, and in a dimeric or multimeric form at the cell surface and in extracellular matrix. Fibronectin is involved in cell adhesion and migration processes including embryogenesis, wound healing, blood coagulation, host defense, and metastasis. The gene has three regions subject to alternative splicing, with the potential to produce 20 different transcript variants. However, the full-length nature of some variants has not been determined.

Reference

Anti-Fibronectin/FN1 Antibody被引用在9文献中。

Selected Validation Data



Figure 1. Western blot analysis of anti- Fibronectin(FN1) antibody (BA1771). The sample well of each lane was loaded with 30ug of sample under reducing conditions.

Lane 1: human placenta tissue lysates,

Lane 2: human hepatocellular carcinoma tumor tissue (HCCT) lysates,

Lane 3: human hepatocellular carcinoma paracancerous tissue (HCCP) lysates.

Use rabbit anti- Fibronectin(FN1) 1:1000, probed with a goat anti-rabbit IgG-HRP secondary antibody. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog#EK1002). A specific band was detected for Fibronectin(FN1) at approximately 220-400KD. The expected band size for Fibronectin(FN1) is at 272KD.

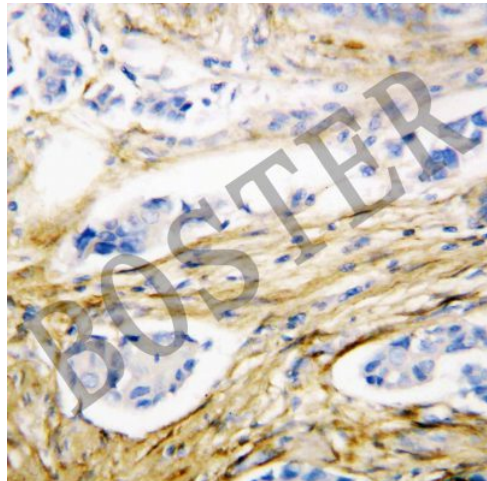


Figure 2. IHC analysis using anti- Fibronectin(FN1) antibody (BA1771). detected in paraffin-embedded section of human breast cancer tissue. Peroxidase Conjugated goat anti-rabbit IgG was used as secondary antibody. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog#SV0002) with DAB as the chromogen.