

Basic Information

Product Name	Anti-FGF10 Antibody
Gene Name	FGF10
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human FGF10, different from the related mouse and rat sequence by two amino acids.
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	20 kDa
Dilution Ratios	Western blot (WB):1:500-2000

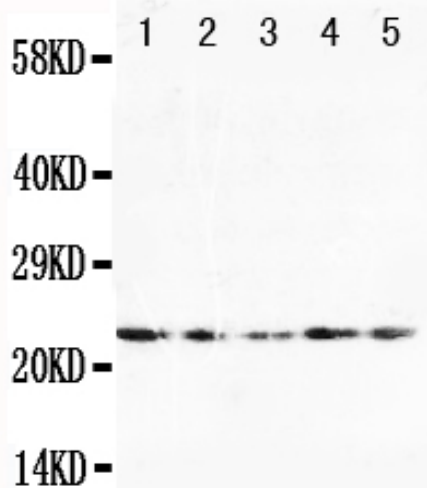
Storage

12 months from date of receipt, -20°C as supplied.

Background Information

FGF 10, Fibroblast growth factor 10, is a protein that in humans is encoded by the FGF10 gene. The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF 10 contains 3 exons and spans at least 52.7 kb. By radioactive in situ hybridization, the FGF 10 gene is mapped to 5p13-p12. This protein exhibits mitogenic activity for keratinizing epidermal cells, but essentially no activity for fibroblasts. FGF 10 translocated into urothelial cell nuclei and initiated a signaling cascade that began with the heparin-dependent tyrosine phosphorylation of surface transmembrane receptors.

Selected Validation Data



Western blot analysis of FGF10 using anti-FGF10 antibody (BA0856).

The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: U87 whole cell lysates,

Lane 2: HELA whole cell lysates,

Lane 3: A519 whole cell lysates,

Lane 4: 293T whole cell lysates,

Lane 5: HELA whole cell lysates.

After electrophoresis, proteins were transferred to a membrane.

Then the membrane was incubated with rabbit anti-FGF10 antigen affinity purified polyclonal antibody (BA0856) at a dilution of 1:1000

and probed with a goat anti-rabbit IgG-HRP secondary antibody

(Catalog # BA1054). The signal is developed using ECL Plus Western

Blotting Substrate (Catalog # AR1197). A specific band was detected

for FGF10 at approximately 20 kDa. The expected band size for

FGF10 is at 23 kDa.