

Anti-FGF10 Antibody

Catalog # ABO10774

Product Information

Application	WB
Primary Accession	O15520
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Fibroblast growth factor 10(FGF10) detection. Tested with WB in Human;Mouse;Rat.

Reconstitution Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	2255
Other Names	Fibroblast growth factor 10, FGF-10, Keratinocyte growth factor 2, FGF10
Calculated MW	23436
Application Details	Western blot, 0.1-0.5 µg/ml, Human, Rat, Mouse
Subcellular Localization	Secreted .
Source	Eukaryota
Protein Name	Fibroblast growth factor 10(FGF-10)
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human FGF10(76-91aa DVRWRKLSFTKYFLK), different from the related mouse and rat sequence by two amino acids.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Sequence Similarities	Belongs to the heparin-binding growth factors family.

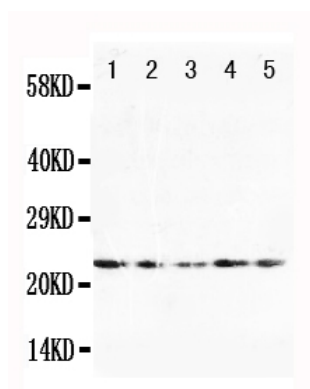
Protein Information

Name	FGF10
Function	Plays an important role in the regulation of embryonic development, cell proliferation and cell differentiation. Required for normal branching morphogenesis. May play a role in wound healing.
Cellular Location	Secreted.

Background

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.

Images



Anti-FGF10 antibody, ABO10774, Western blotting
Lane 1: U87 Cell Lysate
Lane 2: HELA Cell Lysate
Lane 3: A519 Cell Lysate
Lane 4: 293T Cell Lysate
Lane 5: HELA Cell Lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.