

**Anti-FGF10 Antibody**  
Catalog # ABO10774**Specification**

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**Anti-FGF10 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">O15520</a>
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.

**Anti-FGF10 Antibody - Additional Information**

**Gene ID** 2255

**Other Names**

Fibroblast growth factor 10, FGF-10, Keratinocyte growth factor 2, FGF10

**Calculated MW**

23436 MW KDa

**Application Details**

Western blot, 0.1-0.5 µg/ml, Human, Rat, Mouse<br>

**Subcellular Localization**

Secreted .

**Protein Name**

Fibroblast growth factor 10(FGF-10)

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg Thimerosal, 0.05mg NaN<sub>3</sub>.

**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 r°Constitution, 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.

## Anti-FGF10 Antibody - 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.

## Anti-FGF10 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](#)

## Anti-FGF10 Antibody - Images



Anti-FGF10 antibody, ABO10774, Western blotting Lane 1: U87 Cell Lysate Lane 2: HELA Cell

LysateLane 3: A519 Cell LysateLane 4: 293T Cell LysateLane 5: HELA Cell Lysate

### **Anti-FGF10 Antibody - 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.