

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

Anti-FGF10 Antibody - 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.

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

Subcellular Localization

Secreted .

Protein Name

Fibroblast growth factor 10(FGF-10)

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Thimerosal, 0.05mg NaN₃.

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.

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.