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FGF10 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7975B

Specification

FGF10 Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	O15520
Other Accession	P70492, O35565
Reactivity	**Human, Mouse**
Predicted	**Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**23436**
Antigen Region	**136-165**

FGF10 Antibody (C-term) - Additional Information

Gene ID 2255

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

Target/Specificity
This FGF10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 136-165 amino acids from the C-terminal region of human FGF10.

Dilution
WB~~1:1000
IHC-P~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
FGF10 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

FGF10 Antibody (C-term) - 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.

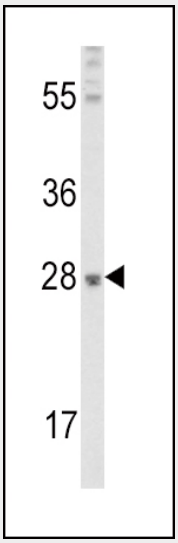
Cellular Location
Secreted.

FGF10 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

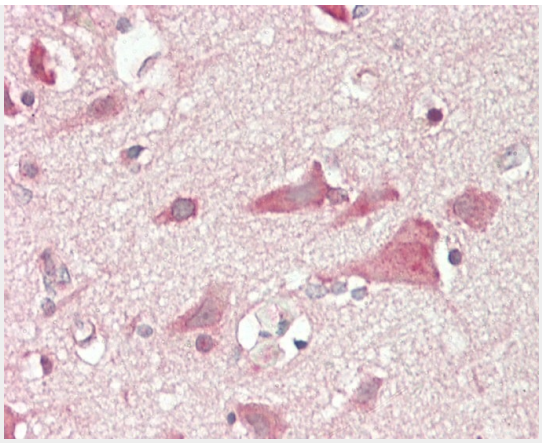
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FGF10 Antibody (C-term) - Images

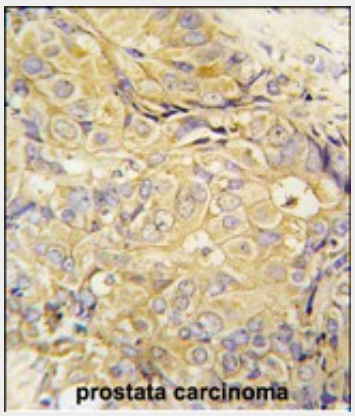


Western blot analysis of FGF10 Antibody (C-term) (Cat. #AP7975b) in mouse lung tissue lysates (35ug/lane). FGF10 (arrow) was detected using the purified Pab.

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Formalin-fixed and paraffin-embedded H.brain tissue reacted with FGF10 Antibody (C-term) (Cat#AP7975b).



Formalin-fixed and paraffin-embedded human prostata carcinoma tissue reacted with FGF10 antibody (C-term) (Cat.#AP7975b), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

FGF10 Antibody (C-term) - Background

FGF10 is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein exhibits mitogenic activity for keratinizing epidermal cells, but essentially no activity for fibroblasts, which is similar to the biological activity of FGF7. Studies of the mouse homolog of suggested that this gene is required for embryonic epidermal morphogenesis including brain development, lung morphogenesis, and initiation of lim bud formation. This protein is also implicated to be a primary factor in the process of wound healing.

FGF10 Antibody (C-term) - References

Nomura,S., Br. J. Cancer 99 (2), 305-313 (2008)
Belleudi,F., Traffic 8 (12), 1854-1872 (2007)
Igarashi,M., J. Biol. Chem. 273 (21), 13230-13235 (1998)

FGF10 Antibody (C-term) - Citations

- Maldevelopment of the submandibular gland in a mouse model of Apert syndrome.