

## Product datasheet for **AP14882PU-N**

### FGF10 (C-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>Western Blot:</b> 1/1000. <b>Immunohistochemistry on Paraffin Sections:</b> 1/10-1/50.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 136-165 amino acids from the C-terminal region of Human FGF10.
Specificity:	This antibody recognizes FGF10.
Formulation:	PBS State: Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) Sodium Azide
Concentration:	lot specific
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	23436 Da
Gene Name:	fibroblast growth factor 10
Database Link:	<a href="#">Entrez Gene 2255 Human O15520</a>



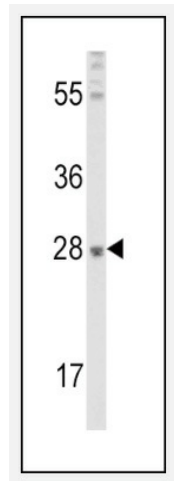
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**Background:**

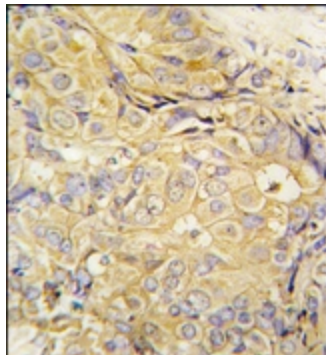
FGF10 is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein 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 limb bud formation. This protein is also implicated to be a primary factor in the process of wound healing.

**Synonyms:**

Fibroblast growth factor 10, FGF-10, Keratinocyte growth factor 2, KGF2

**Product images:**

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



Formalin-Fixed Paraffin-Embedded Human prostate carcinoma tissue reacted with FGF10 Antibody (C-term) which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.