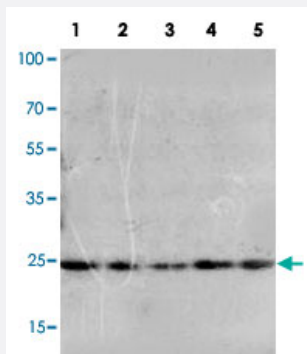


FGF10 polyclonal antibody

Catalog # PAB19526 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of whole cell extracts with FGF10 polyclonal antibody (Cat # PAB19526).

Lane 1, U-87

Lane 2, HeLa

Lane 3, A-549

Lane 4, 293T

Lane 5, MCF-7

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of FGF10.
Immunogen	A synthetic peptide corresponding to amino acids at N-terminus of human FGF10.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	It different from the related mouse and rat sequence by two amino acids.
Form	Lyophilized
Purification	Immunoaffinity purification
Isotype	IgG
Recommend Usage	Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal)

Storage Instruction

Store at -20°C on dry atmosphere.

After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower.

Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide and thimerosal: POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Lane 2, HeLa

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Gene Info — FGF10

Entrez GeneID[2255](#)**Gene Name**

FGF10

Gene Alias

-

Gene Description

fibroblast growth factor 10

Omim ID[149730](#) [180920](#) [602115](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene 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 suggested that this gene is required for embryonic epidermal morphogenesis including brain development, lung morphogenesis, and initiation of limb bud formation. This gene is also implicated to be a primary factor in the process of wound healing. [provided by RefSeq]

Other Designations

keratinocyte growth factor 2|produced by fibroblasts of urinary bladder lamina propria

Pathway

- [MAPK signaling pathway](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Abnormalities](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Hypospadias](#)
- [Tourette Syndrome](#)