

FGF4 Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP21146a

Specification

FGF4 Antibody - Product Information

Application WB,E
Primary Accession P08620
Reactivity Human
Host Rabbit
Clonality polyclonal
Isotype Rabbit IgG
Calculated MW 22048

FGF4 Antibody - Additional Information

Gene ID 2249

Other Names

Fibroblast growth factor 4, FGF-4, Heparin secretory-transforming protein 1, HST, HST-1, HSTF-1, Heparin-binding growth factor 4, HBGF-4, Transforming protein KS3, FGF4, HST, HSTF1, KS3

Target/Specificity

This FGF4 antibody is generated from a rabbit immunized with a recombinant protein of human FGF4.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

FGF4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

FGF4 Antibody - Protein Information

Name FGF4 (HGNC:3682)

Function Plays an important role in the regulation of embryonic development, cell proliferation, and cell differentiation. Required for normal limb and cardiac valve development during embryogenesis. May play a role in embryonic molar tooth bud development via inducing the





expression of MSX1, MSX2 and MSX1-mediated expression of SDC1 in dental mesenchyme cells (By similarity).

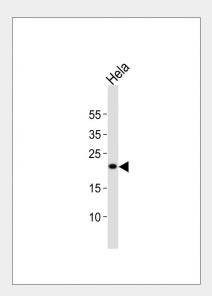
Cellular Location Secreted.

FGF4 Antibody - Protocols

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

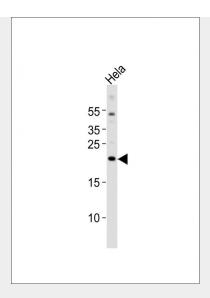
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

FGF4 Antibody - Images



Western blot analysis of lysate from Hela cell line, using FGF4 Antibody(Cat. #AP21146a). AP21146a was diluted at 1:4000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.





Anti-FGF4 Antibodyat 1:1000 dilution + Hela whole cell lysates Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 22 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

FGF4 Antibody - Background

Plays an important role in the regulation of embryonic development, cell proliferation, and cell differentiation. Required for normal limb and cardiac valve development during embryogenesis.

FGF4 Antibody - References

Mayshar Y., et al. Stem Cells 26:767-774(2008). Yoshida T., et al. Proc. Natl. Acad. Sci. U.S.A. 84:7305-7309(1987). Taira M., et al. Proc. Natl. Acad. Sci. U.S.A. 84:2980-2984(1987). Delli-Bovi P., et al. Cell 50:729-737(1987). Ornitz D.M., et al. J. Biol. Chem. 271:15292-15297(1996).