

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

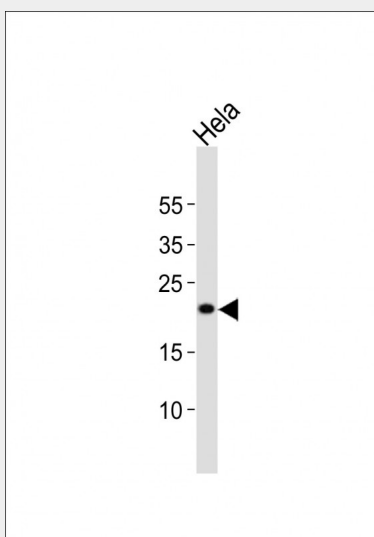
Secreted.

FGF4 Antibody - Protocols

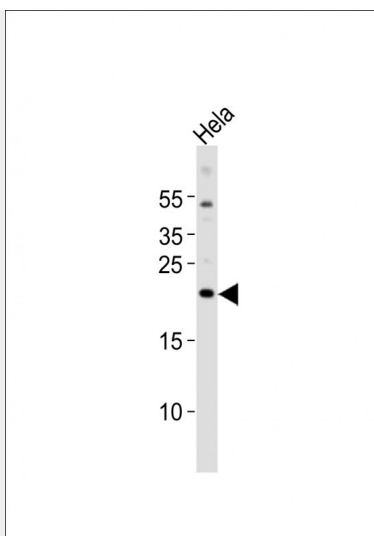
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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 Antibody at 1:1000 dilution + HeLa whole cell lysates. Lysates/proteins at 20 µg 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).