

FGF-4 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV11233**Specification**

FGF-4 Antibody - Product Information

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

FGF-4 Antibody - Additional Information**Gene ID** 2249

Positive Control	Western Blot: rat kidney lysate, recombinant protein
Application & Usage	Western blot: 1-4 µg
Other Names	
HBGF4, FGF-4, FGF4, KFGF, HSTF1	

Target/Specificity
FGF-4**Antibody Form**
Liquid**Appearance**
Colorless liquid**Formulation**
100 µg (0.5 mg/ml) of antibody in PBS pH 7.2 containing 0.01 % BSA, 0.01 % thimerosal, and 50 % glycerol.**Handling**
The antibody solution should be gently mixed before use.**Reconstitution & Storage**
-20 °C**Background Descriptions****Precautions**
FGF-4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

FGF-4 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.

FGF-4 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](#)

FGF-4 Antibody - Images

FGF-4 Antibody - Background

Fibroblast Growth Factor 4 (FGF-4) is a growth factor predominantly expressed during embryonic development, playing a key role in limb development. In culture, FGF-4 has been shown to be an important growth factor for fibroblasts and endothelial cells. Human FGF-4 shares high homology and cross-reactivity with the mouse protein.