

FGF-8 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10799**Specification**

FGF-8 Antibody - Product Information

Application	WB
Primary Accession	P55075
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	26525

FGF-8 Antibody - Additional Information**Gene ID** 2253

Positive Control	Recombinant human FGF-8
Application & Usage	Western Blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Recombinant human FGF-8 can be used as a positive control.

Other Names

Fibroblast growth factor 8, FGF-8, Androgen-induced growth factor, AIGF, Heparin-binding growth factor 8, HBGF-8, FGF8, AIGF

Target/Specificity

FGF-8

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit anti-human FGF-8 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

FGF-8 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

FGF-8 Antibody - Protein Information

Name FGF8

Synonyms AIGF

Function

Plays an important role in the regulation of embryonic development, cell proliferation, cell differentiation and cell migration. Required for normal brain, eye, ear and limb development during embryogenesis. Required for normal development of the gonadotropin-releasing hormone (GnRH) neuronal system (PubMed:16384934, PubMed:16597617, PubMed:8663044). Plays a role in neurite outgrowth in hippocampal cells (PubMed:21576111).

Cellular Location

Secreted.

FGF-8 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-8 Antibody - Images**FGF-8 Antibody - Background**

Fibroblast Growth Factor-8 (FGF-8) is also known as Androgen-induced Growth Factor (AIGF), a heparin binding growth factor, which stimulates the proliferation and activation of cells that express the FGF receptors. Recombinant human FGF-8 is a 22.4 kDa protein containing 193 amino acid residues.