

**FGF8 Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF2909a

**Specification**

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**FGF8 Antibody (internal region) - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P55075</a>
Other Accession	<a href="#">NP_149355.1</a> , <a href="#">NP_006110.1</a> , <a href="#">NP_149354.1</a> , <a href="#">NP_149353.1</a> , <a href="#">2253</a>
Reactivity	<b>Human</b>
Predicted	<b>Mouse, Rat, Pig, Dog</b>
Host	<b>Goat</b>
Clonality	<b>Polyclonal</b>
Concentration	<b>0.5 mg/ml</b>
Isotype	<b>IgG</b>
Calculated MW	<b>26525</b>

**FGF8 Antibody (internal region) - Additional Information**

**Gene ID** 2253

**Other Names**

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

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

FGF8 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**FGF8 Antibody (internal region) - 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:<a href="http://www.uniprot.org/citations/16384934" target="\_blank">16384934</a>, PubMed:<a href="http://www.uniprot.org/citations/16597617" target="\_blank">16597617</a>, PubMed:<a href="http://www.uniprot.org/citations/8663044" target="\_blank">8663044</a>). Plays a role in neurite outgrowth in hippocampal cells (PubMed:<a href="http://www.uniprot.org/citations/21576111" target="\_blank">21576111</a>).

#### Cellular Location

Secreted.

#### FGF8 Antibody (internal region) - 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](#)

#### FGF8 Antibody (internal region) - Images



AF2909a (2 µg/ml) staining of Jurkat lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

#### FGF8 Antibody (internal region) - Background

This antibody is expected to recognize all reported isoforms (NP\_149355.1; NP\_006110.1; NP\_149354.1; NP\_149353.1)

#### FGF8 Antibody (internal region) - References

FGFR2, FGF8, FGF10 and BMP7 as candidate genes for hypospadias. Beleza-Meireles A, Lundberg F, Lagerstedt K, Zhou X, Omrani D, Frisén L, Nordenskjöld A. Eur. J. Hum. Genet. 2007 Apr 15 (4): 405-10. PMID: 17264867