

# FGF8 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20872b

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P55075</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB49207
<b>Calculated MW</b>	26525

## Additional Information

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<b>Gene ID</b>	2253
<b>Other Names</b>	Fibroblast growth factor 8, FGF-8, Androgen-induced growth factor, AIGF, Heparin-binding growth factor 8, HBGF-8, FGF8, AIGF
<b>Target/Specificity</b>	This FGF8 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 32-66 amino acids from the N-terminal region of human FGF8.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	FGF8 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	FGF8
<b>Synonyms</b>	AIGF
<b>Function</b>	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.

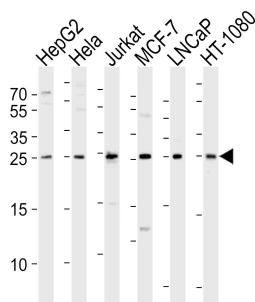
## Background

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.

## References

Tanaka A.,et al.FEBS Lett. 363:226-230(1995).  
Ghosh A.K.,et al.Cell Growth Differ. 7:1425-1434(1996).  
Gemel J.,et al.Genomics 35:253-257(1996).  
Payson R.A.,et al.Oncogene 13:47-53(1996).  
Tanaka S.,et al.Dig. Dis. Sci. 46:1016-1021(2001).

## Images



Western blot analysis of lysates from HepG2, Hela, Jurkat, MCF-7, LNCaP, HT-1080 cell line (from left to right), using FGF8 Antibody (N-term)(Cat. #AP20872b). AP20872b was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.