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FGF8 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20872b

Product Information

Application	WB, E
Primary Accession	P55075
Reactivity	Human, Mouse
Predicted	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB49207
Calculated MW	26525

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
Target/Specificity	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.
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	FGF8 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

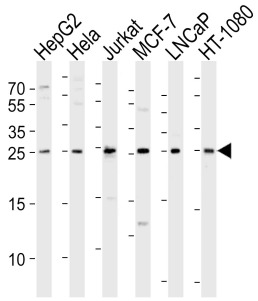
Background

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'.