

# FGF12 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21840c

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P61328</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB54014
<b>Calculated MW</b>	27399

## Additional Information

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<b>Gene ID</b>	2257
<b>Other Names</b>	Fibroblast growth factor 12, FGF-12, Fibroblast growth factor homologous factor 1, FHF-1, Myocyte-activating factor, FGF12, FGF12B, FHF1
<b>Target/Specificity</b>	This FGF12 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 159-191 amino acids from the Central region of human FGF12.
<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>	FGF12 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	FGF12
<b>Synonyms</b>	FGF12B, FHF1
<b>Function</b>	Involved in nervous system development and function. Involved in the positive regulation of voltage-gated sodium channel activity. Promotes neuronal excitability by elevating the voltage dependence of neuronal sodium

channel SCN8A fast inactivation.

**Cellular Location**

Nucleus.

**Tissue Location**

Brain, eye and testis; highly expressed in embryonic retina, olfactory epithelium, olfactory bulb, and in a segmental pattern of the body wall; in adult olfactory bulb, less in cerebellum, deep cerebellar nuclei, cortex and multiple midbrain structures

## Background

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Probably involved in nervous system development and function.

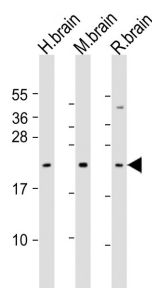
## References

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Smallwood P.M.,et al.Proc. Natl. Acad. Sci. U.S.A. 93:9850-9857(1996).  
Kok L.D.S.,et al.Biochem. Biophys. Res. Commun. 255:717-721(1999).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

## Images

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All lanes : Anti-FGF12 Antibody (Center) at 1:1000 dilution  
Lane 1: human brain lysate Lane 2: mouse brain lysate  
Lane 3: rat brain lysate Lysates/proteins at 20 µg per lane.  
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase  
conjugated at 1/10000 dilution. Predicted band size : 27  
kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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