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FGF12 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21840c

Product Information

Application	WB, E
Primary Accession	P61328
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB54014
Calculated MW	27399

Additional Information

Gene ID	2257
Other Names	Fibroblast growth factor 12, FGF-12, Fibroblast growth factor homologous factor 1, FHF-1, Myocyte-activating factor, FGF12, FGF12B, FHF1
Target/Specificity	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.
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	FGF12 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FGF12
Synonyms	FGF12B, FHF1
Function	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

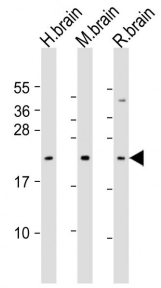
Background

Probably involved in nervous system development and function.

References

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



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'.