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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55412_P050-FITC
Product Page	www.avivasysbio.com/fgf13-antibody-middle-region-fitc-arp55412-p050-fitc.html
Name	FGF13 Antibody - middle region : FITC (ARP55412_P050-FITC)
Protein Size (# AA)	245 amino acids
Molecular Weight	27kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	2258
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Fibroblast growth factor 13
Alias Symbols	FGF2, FHF2, DEE90, FHF-2, FGF-13, LINC00889
Peptide Sequence	Synthetic peptide located within the following region: TKLYSRQGYHLQLQADGTIDGKDEDSTYTLFNLIPVGLRVVAIQGVQTK
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Popovici,C., (2004) J. Biol. Chem. 279 (38), 40146-40152
Description of Target	FGF13 is probably involved in nervous system development and function. The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth, and invasion. This gene is located to a region associated with Borjeson-Forssman-Lehmann syndrome (BFLS), a syndromal X-linked mental retardation, which suggests it may be a candidate gene for familial cases of the BFL syndrome. The function of this gene has not yet been determined. Two alternatively spliced transcripts encoding different isoforms have been described for this gene.
Protein Interactions	PSEN1; PRNP; SCN8A; FGF13; MAPK8IP2;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-FGF13 (ARP55412_P050-FITC) antibody
Blocking Peptide	For anti-FGF13 (ARP55412_P050-FITC) antibody is Catalog# AAP55412 (Previous Catalog# AAPP36608)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human FGF13
Uniprot ID	Q92913
Protein Name	Fibroblast growth factor 13
Sample Type Confirmation	FGF13 is supported by BioGPS gene expression data to be expressed in HEK293T
Protein Accession #	NP_004105
Purification	Affinity Purified
Nucleotide Accession #	NM_004114
Gene Symbol	FGF13
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 92%; Zebrafish: 93%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base. The two upper arms of the Y represent the antigen-binding sites.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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