

DATASHEET

FGF13 Rabbit Polyclonal Antibody

CAT. NO. APA10118

KEY FEATURES

Target	FGF13	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

Microtubule-binding protein which directly binds tubulin and is involved in both polymerization and stabilization of microtubules . Through its action on microtubules, may participate in the refinement of axons by negatively regulating axonal and leading processes branching . Plays a crucial role in neuron polarization and migration in the cerebral cortex and the hippocampus . Regulates voltage-gated sodium channel transport and function . May also play a role in MAPK signaling . Required for the development of axonal initial segment-targeting inhibitory GABAergic synapses made by chandelier neurons .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

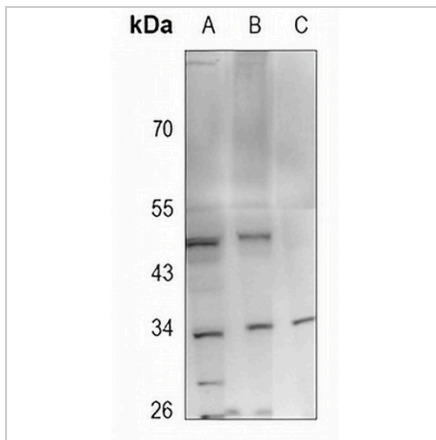
Description	Rabbit polyclonal antibody to FGF13
Specificity	Recognizes endogenous levels of FGF13 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human FGF13. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 27 kD; Observed: 34 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	FHF2; Fibroblast growth factor 13; FGF-13; Fibroblast growth factor homologous factor 2; FHF-2
Gene Symbol	FGF13
Entrez Gene	2258(Human); 14168(Mouse); 84488(Rat)
SwissProt	Q92913(Human); P70377(Mouse); Q9ERW3(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of FGF13 expression in HeLa (A), H9C2 (B), rat spleen (C) whole cell lysates. (Predicted band size: 27 kD; Observed band size: 34 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.