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FGF-13 Polyclonal Antibody

Catalog # AP69879

Product Information

Application	WB, E
Primary Accession	Q92913
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27564

Additional Information

Gene ID	2258
Other Names	FGF13; FHF2; Fibroblast growth factor 13; FGF-13; Fibroblast growth factor homologous factor 2; FHF-2
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications. E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

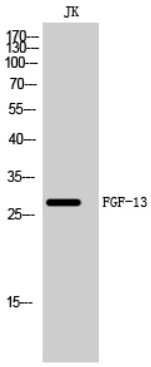
Name	FGF13 (HGNC:3670)
Synonyms	FHF2
Function	Microtubule-binding protein which directly binds tubulin and is involved in both polymerization and stabilization of microtubules (By similarity). Through its action on microtubules, may participate in the refinement of axons by negatively regulating axonal and leading processes branching (By similarity). Plays a crucial role in neuron polarization and migration in the cerebral cortex and the hippocampus (By similarity). Regulates voltage-gated sodium channel transport and function (PubMed:15282281, PubMed:33245860, PubMed:36696443). May also play a role in MAPK signaling (By similarity). Required for the development of axonal initial segment-targeting inhibitory GABAergic synapses made by chandelier neurons (By similarity).
Cellular Location	[Isoform 1]: Nucleus [Isoform 3]: Cytoplasm. Nucleus [Isoform 5]: Cytoplasm {ECO:0000250|UniProtKB:P61329}. Nucleus {ECO:0000250|UniProtKB:P61329}

Tissue Location	Ubiquitously expressed. Predominantly expressed in the nervous system.

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 to 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.

Images



Western Blot analysis of JK cells using FGF-13 Polyclonal Antibody diluted at 1：500

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