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Anti-FGF13 Antibody

Rabbit polyclonal antibody to FGF13
Catalog # AP60669

Product Information

Application	WB
Primary Accession	Q92913
Other Accession	P70377
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27564

Additional Information

Gene ID	2258
Other Names	FHF2; Fibroblast growth factor 13; FGF-13; Fibroblast growth factor homologous factor 2; FHF-2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human FGF13. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

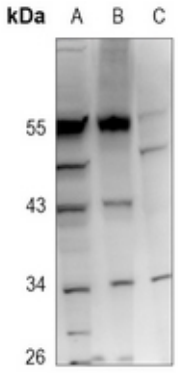
Name	FGF13 (HGNC:3670)
Synonyms	FHF2
Function	Microtubule-binding protein which directly binds tubulin and is involved in both polymerization and stabilization of microtubules (By similarity). Through its action on microtubules, may participate in the refinement of axons by negatively regulating axonal 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

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human FGF13. The exact sequence is proprietary.

Images



Western blot analysis of FGF13 expression in Hela (A), H9C2 (B), rat spleen (C) whole cell lysates.