

Anti-FGF13 Antibody
Rabbit polyclonal antibody to FGF13
Catalog # AP60669

Specification

Anti-FGF13 Antibody - Product Information

| | |
|-------------------|------------------------|
| Application | WB |
| Primary Accession | O92913 |
| Other Accession | P70377 |
| Reactivity | Human, Mouse, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 27564 |

Anti-FGF13 Antibody - Additional Information

Gene ID 2258

Other Names

FHF2; Fibroblast growth factor 13; FGF-13; Fibroblast growth factor homologous factor 2; FHF-2

Target/Specificity

Recognizes endogenous levels of FGF13 protein.

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

Anti-FGF13 Antibody - 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](http://www.uniprot.org/citations/15282281)), PubMed: [33245860](http://www.uniprot.org/citations/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

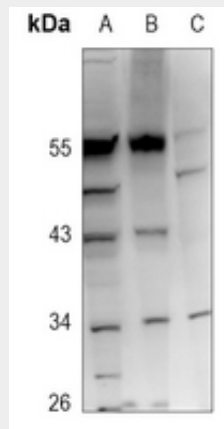
Ubiquitously expressed. Predominantly expressed in the nervous system.

Anti-FGF13 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-FGF13 Antibody - Images



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

Anti-FGF13 Antibody - Background

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