

Rabbit FGF13 Polyclonal Antibody | anti-FGF13 antibody

FGF13 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325337	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

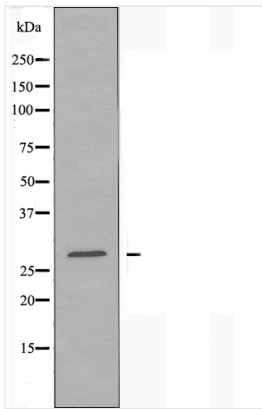
PRODUCT SYNONYMS

FGF13; Polyclonal Antibody; FGF13 Antibody; FGF 13; FGF 2; FGF-13; FGF13_HUMAN; FGF2; FHF 2; FHF-2; FHF2; Fibroblast growth factor 13; Fibroblast growth factor homologous factor 2; OTTHUMP00000024143; OTTHUMP00000024144; anti-FGF13 antibody

PRODUCT SPECIFICATIONS

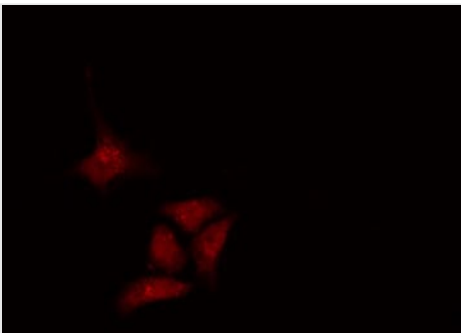
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	FGF13 antibody detects endogenous levels of total FGF13
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	199
Applicable Applications for anti-FGF13 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus
Tissue Specificity	Ubiquitously expressed. Predominantly expressed in the nervous system.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells using FGF13 antibody.



IF (Immunofluorescence)

AAA325337 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-FGF13 antibody	Function: 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. Subunit Structure: Interacts with SCN8A; may regulate SCN8A activity. Interacts with SCN1A; may regulate SCN1A activity. Interacts with SCN5A; the interaction is direct and may regulate SNC5A density at membranes and function. May also interact with SCN2A and SCN11A. Interacts with MAPK8IP2; may regulate the MAPK8IP2 scaffolding activity. Post-translational Modifications: May be phosphorylated. Similarity: Belongs to the heparin-binding growth factors family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	213417606
NCBI GeneID	2258
NCBI Accession #	NP_001132970.1
NCBI GenBank Nucleotide #	NM_001139498.1
UniProt Accession #	Q92913; O95830; Q9NZH9; Q9NZI0; B1AK18; B7Z4M7; B7Z8N0; D3DWH4
Molecular Weight	Observed: 28 kD Predicted: 28 kDa
NCBI Official Full Name	fibroblast growth factor 13 isoform 4
NCBI Official Synonym Full Names	fibroblast growth factor 13
NCBI Official Symbol	FGF13
NCBI Official Synonym Symbols	FGF2; FHF2; FHF-2; FGF-13
NCBI Protein Information	fibroblast growth factor 13
UniProt Protein Name	Fibroblast growth factor 13
UniProt Gene Name	FGF13
UniProt Synonym Gene Names	FHF2; FGF-13; FHF-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fgf13-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325337>