

Anti-FGF14/FHF4 Antibody

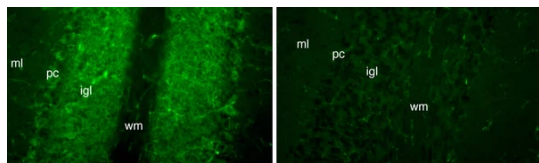


Product Details

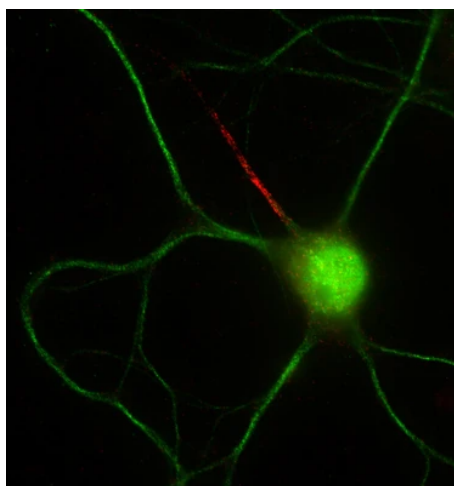
Available Variants	100 µL (SKU:75-096)
Conjugate	Unconjugated
Isotype	IgG1
Clone	N56/21
Gene Name	Fgf14
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.23
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ELISA, ICC, IHC, IP, WB
Dilution Ranges	WB: 1:1000 IHC: 1:500 ICC: 1:500
Species Reactivity	Human, Mouse, Non-Human Primate, Rat
Immunogen	Fusion protein amino acids 1-252 (full-length) of mouse FGF14b (accession number O89096) produced recombinantly in E. Coli
Specificity	Cross-reacts with FGF14a and FGF14b Does not cross-react with FGF11, FGF12 or FGF13
Molecular Weight	28 kDa

Quality Control	Each new lot of antibody is quality control tested by IHC on either rat or mouse brain and confirmed to give the expected staining pattern.
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_2104060
UniProt ID	<u>O89096</u>
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

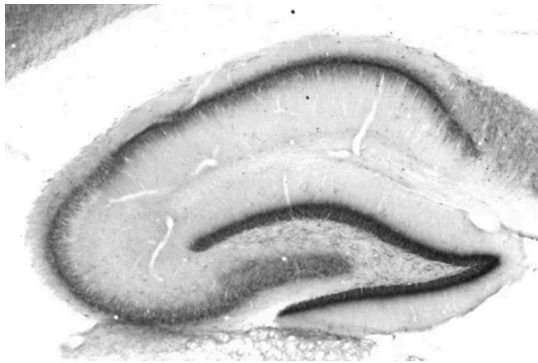
Product Images



N56/21 immunofluorescence staining of cerebellar cortex from FGF14 wild-type (left) and knockout (right) mice. ml: molecular layer; pc: Purkinje cell layer; igl: internal granule cell layer; wm: white matter.



Double immunofluorescence staining of cultured rat hippocampal neurons with N56/21 (red) and MAP2 (green). Images courtesy of David Ornitz (Washington University SOM).



Adult rat hippocampus immunohistochemistry.

Product Page URL: www.antibodiesinc.com/products/anti-fgf14-fhf4-antibody-n56-21-75-096



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