



Anti-FGF14/FHF4, NeuroMab clone N56/21

Immunogen:

Fusion protein amino acids 1-252 (full-length) of mouse FGF14b (also known as fibroblast growth factor homologous factor 4b or FHF4b, accession number O89096)

Rat: 100% identity (252/252 amino acids identical)

Human: 98% identity (247/252 amino acids identical)

>70% identity with FGF14a

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblot,
 Immunocytochemistry,
 Immunohistochemistry and
 Immunoprecipitation

Species Reactivity: mouse, rat

Cross-reacts with FGF14a and FGF14b and does not cross-react with FGF11, FGF12 or FGF13

MW: 28 kDa

Top left: adult rat hippocampus immunohistochemistry

Top right: transfected cell immunoblot: extracts of COS cells transiently transfected with Myc-tagged FGF14b or untagged Kv2.1 plasmid and probed with N56/21 (left) or 19E10 (right) TC supe.

Bottom: N56/21 immunofluorescence staining of cerebellar cortex from FGF14 wild-type (left) and knockout (middle) 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).

