UC Davis/NIH NeuroMab Facility
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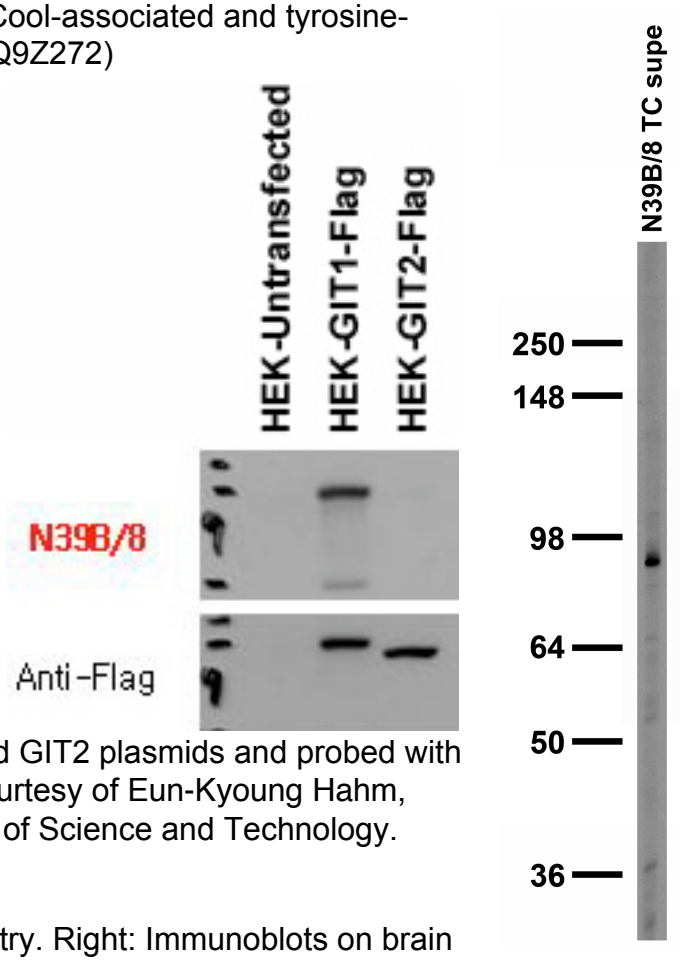
Anti-GIT1 scaffold protein, NeuroMab clone N39B/8

Immunogen:
Fusion protein amino acids 375-770 (C-terminus) of rat GIT1 (also known as G protein-coupled receptor kinase-interactor 1, GRK-interacting protein 1, Cool-associated and tyrosine-phosphorylated protein 1 and Cat-1, accession number Q9Z272)
Human: 93% identity (372/396 amino acids identical)
Mouse: 97% identity (385/396 amino acids identical)
~50% identity with GIT2

Monoclonal antibody info:
Mouse strain: Balb/C
Myeloma cell: SP2/0
Mouse Ig Isotype: IgG1

NeuroMab Applications:
Immunoblotting, Immunohistochemistry and Immunoprecipitation
Species Reactivity: human, mouse, rat
No cross-reactivity against GIT2
MW: 90 kD



Images
Top. Left: immunoblot versus lysates of HEK293T cells untransfected and transfected with Flag-tagged GIT1 and GIT2 plasmids and probed with N39B/8 (top) and anti-Flag (bottom) antibodies. Data courtesy of Eun-Kyoung Hahm, Jaewon Ko, and Eunjoon Kim, Korea Advanced Institute of Science and Technology.
Right: adult rat brain membrane immunoblot

Bottom. Left: Adult rat hippocampus immunohistochemistry. Right: Immunoblots on brain membranes prepared from whole rat (RBM) and mouse (MBM) brain, and from human cerebral cortex [HBM(Cx)] and hippocampus [HBM(H)].