



Anti-GFAP, NeuroMab clone N206A/8

Immunogen:

Synthetic peptide amino acids 411-422 (KTVEMRDGEVIK) of human GFAP (also known as Glial fibrillary acidic protein, accession number P14136)

Rat: 100% identity (12/12 amino acids identical)

Mouse: 100% identity (12/12 amino acids identical)

>50% identity with other proteins (Vimentin, Desmin, Tumor protein p73 and Peripherin)

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: human, rat, mouse

Cross-reacts with GFAP-R416W and other GFAP mutant proteins

Does not cross-react with other proteins (based on KO validation results)

MW: 50 kDa

Immunoblot versus low speed pellet samples from rat brain (RBLSP) and wild-type (WT), GFAP knockout (KO) and GFAP-R416W mutant knockin (KI) mice and probed with N206A/8 (left), mutant control (middle) and N52A/42 (right). Mutant control courtesy of Michael Brenner, University of Alabama at Birmingham.

Adult WT and KO mouse hippocampus immunofluorescence with N206A/8 (green) and KC rabbit anti-Kv2.1 (red). Brain samples courtesy of Albee Messing, University of Wisconsin at Madison.

