



### Anti-GFAP-R416WT, NeuroMab clone N206B/9

#### 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 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

Does not cross-react with GFAP-R416W or other proteins (based on KO validation results)

MW: 50 kDa

Right: adult rat brain membrane immunoblot.

Left: immunoblot versus brain samples from adult rat (RBLSP) and GFAP wild-type (WT), knockout (KO) and R416W KI mice. Mutant control courtesy of Michael Brenner, UAB.

Immunofluorescence of GFAP WT and KO mouse hippocampus with N206B/9 (green) and KC rabbit anti-Kv2.1 (red). Brain samples courtesy of Albee Messing, UW-Madison.

