



### Anti-Stonin-2, NeuroMab clone N346/9

Available as TC supe (RRID: AB\_2315923) & Pure IgG (RRID: AB\_2315924)

#### Immunogen:

Fusion protein amino acids 1-555 (N-terminus) of human Stonin-2 (also known as Stoned B, STON2, STN2 and STNB, accession number Q8WXE9)

Mouse: 86% identity (480/556 amino acids identical)

Rat: 85% identity (474/555 amino acids identical)

>50% identity with Stonin-1 (73/135 amino acids) near C-terminus

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2b

#### NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: human, mouse, rat

Does not cross-react with Stonin-1

MW: 120 kDa

Top: transfected cell immunoblot: extracts of COS cells transiently transfected with HA-tagged Stonin-1, Stonin-2 or untagged Kv2.1 plasmid and probed with N346/9 TC supe (left), Rabbit anti-HA (middle) or N52A/42 TC supe (right).

Middle: immunoblot versus crude membranes from adult rat brain (RBM) and WT and Stonin-2 KO mouse brains probed with N346/9 (left), K89/34 (middle) and N52A/42 (right) TC supes. Mouse brains courtesy of Fabian Feutlinske and Volker Haucke (Freie Universität Berlin).

Bottom: immunofluorescence staining of adult hippocampus (sp = stratum pyrimidale, sl = stratum lucidum) from Stonin-2 wild-type (WT) and knockout (KO) mice with N346/9 (red) and K89/34 (green). Mouse brains courtesy of Fabian Feutlinske and Volker Haucke (Freie Universität Berlin).

