



Anti-TrpV3 cation channel, NeuroMab clone N15/4

Immunogen:

Synthetic peptide amino acids 774-791 (cytoplasmic C-terminus) of rat TrpV3
(KTTLYAFDELDEFPETSV; NP_001020928)

Human: 77% identity (14/18 amino acids identical)

Mouse=100% identity (18/18 amino acids identical)

Common to all TrpV3 splice variants

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2a

NeuroMab Applications:

Immunoblot, Immunocytochemistry and

Immunoprecipitation

Not yet validated for use in mammalian brain

Species Reactivity: human, mouse, rat

MW: 70 kDa

Transfected cell immunoblot. Extracts of COS-1 cells transiently transfected with rat TrpV3 (left lane) or rat Kv2.1 (right lane) plasmids and probed with K89/34 TC supe (left panel) or pure N15/4 (right panel).

Transfected HEK293 cell immunofluorescence staining
N15/4 TC supe =green, DAPI=blue

