

**Anti-MAP3K12, NeuroMab clone N377/20****Immunogen:**

Fusion protein amino acids 727-888 (C-terminus) of mouse MAP3K12 (also known as Mitogen-activated protein kinase kinase kinase 12, Dual leucine zipper bearing kinase, Leucine-zipper protein kinase, MAPK-upstream kinase, Mixed lineage kinase, DLK, ZPK and MUK, accession number Q60700)

Rat: 97% identity (158/162 amino acids identical)

Human: 86% identity (143/166 amino acids identical)

<40% identity with MAP3K13

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2a

NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: mouse, rat

Does not cross-react with MAP3K13

MW: 120 kDa

Immunoblot against extracts of COS cells transiently transfected with GFP-tagged MAP3K12, MAP3K13 or untagged Kv2.1 plasmid; adult rat brain low-speed pellet (RBLSP) or membrane (RBM) fractions; and membranes from MAP3K12 wild-type (WT) and gene-trap knockout (KO) mice probed with N377/20 (left) or N52A/42 (right) TC supe. Mouse brains courtesy of Aki Itoh and Takayuki Itoh (UC Davis).

Adult rat brain immunohistochemistry

