

**Anti-TASK1 potassium channel, NeuroMab clone N374/48****Immunogen:**

Fusion protein amino acids 251-411 (cytoplasmic C-terminus) of rat Acid-sensitive potassium channel protein TASK or TASK1 (also known as Potassium channel subfamily K member 3, TWIK-related acid-sensitive K(+) channel 1, Two pore potassium channel KT3.1, Cardiac two pore background K(+) channel, KCNK3 and cTBAK-1, accession number O54192)

Mouse: 96% identity (156/161 amino acids identical)

Human: 76% identity (163/161 amino acids identical)

<30% identity with TASK3

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2b

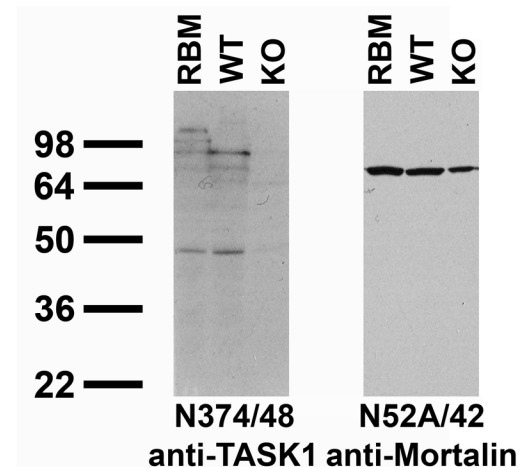
NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: rat, mouse

Does not cross-react with TASK3

MW: 50 kDa



Top: immunoblot versus crude membranes from adult rat brain (RBM) and wild-type (WT) and TASK1 KO mouse brains probed with N374/48 (left) and N52A/42 (right) TC supe. Mouse brains courtesy of Doug Bayliss (University of Virginia).

Middle and bottom: adult rat hippocampus and whole brain immunohistochemistry

