



### Anti-Npas4, NeuroMab clone N408/62

Available as TC supe (RRID: AB\_2336897) & Pure IgG (RRID: AB\_2491086)

#### Immunogen:

Fusion protein amino acids 597-802 (C-terminus) of rat Npas4 (also known as Neuronal PAS domain-containing protein 4, Neuronal PAS4, Class E basic helix-loop-helix protein 79, HLH-PAS transcription factor NXF, PAS domain-containing protein 10, Limbic-enhanced PAS protein, bHLHe79, PASD10 and LE-PAS, accession number Q8CJH6)

Mouse: 99% identity (205/206 amino acids identical)

Human: 93% identity (193/206 amino acids identical)

<25% identity with other PAS domain-containing proteins

#### 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

MW: 90 kDa

Immunoblot against crude brain low-speed pellets from untreated adult rats (RBLSP), adult rats treated with kainic acid to induce seizures (RBLSP seiz) and adult rats treated with saline (RBLSP non-seiz) probed with N408/62 (left) and N52A/42 (right) TC supe and with Rabbit anti-c-Fos (middle).

Immunohistochemistry against cortex (left) and hippocampus (right) from adult rats treated with kainic acid

