



Anti-Homer1L, NeuroMab clone L113/13

Available as TC supe (RRID:AB_2721065) & Pure IgG (RRID: AB_2797366)

Immunogen:

Fusion protein amino acids 121-363 (C-terminus) of mouse Homer1L (also known as Homer protein homolog 1, VASP/Ena-related gene up-regulated during seizure and LTP 1, Vesl-1, Vesl, SYN47 and PSD-Zip45, accession number Q9Z2Y3)

Rat: 97% identity (236/243 amino acids identical)

Human: 93% identity (226/243 amino acids identical)

<30% identity with Homer1S (100% identity between amino acids 121-175, shared sequence of MELTSTPSQESAGGDLQSPLTPESINGTDDERTPDVTQNSEPRAEPTQNALPFPH)

<40% identity with Homer2

Monoclonal antibody info

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblot, Immunocytochemistry, Immunohistochemistry and Array Tomography

Species Reactivity: mouse, rat, human

Does not cross-react with Homer1S

MW: 45-55 kDa

Right: adult rat brain membrane immunoblot

Top left: array tomography immunofluorescence of an LRWhite-embedded 70 nm section from adult mouse cortex with L113/13 (magenta), rabbit mAb PSD-95 (Cell Signaling #3450, green) and Hoechst nuclear stain (blue). The insert shows three consecutive sections through the synapse that is marked with a white box.

Bottom left: adult rat hippocampus immunohistochemistry

