



Anti-Arx, NeuroMab clone N411/51

Available as TC supe (RRID: AB_2491076) & Pure IgG (RRID: AB_2491188)

Immunogen:

Fusion protein amino acids 1-220 (N-terminus) of mouse Arx (also known as Homeobox protein ARX and Aristaless-related homeobox, accession number O35085)

Rat: 97% identity (216/221 amino acids identical)

Human: 92% identity (205/222 amino acids identical)

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: mouse, rat

MW: 70 kDa

Top: adult/neonatal rat brain/cerebellum low-speed

pellet (RBLSP/RCLSP) and transfected cell immunoblot: extracts of RBLSP, RCLSP and COS cells transiently transfected with Flag-tagged Arx or untagged Kv2.1 plasmid and probed with N411/51 (left) and N52A/42 (right) TC supe.

Bottom right: adult rat reticular thalamic nucleus and zona incerta immunohistochemistry

Bottom left: immunofluorescence staining of wild-type (WT) and Parvalbumin-specific Arx knockout (ArxParvKO) mouse brains. Images courtesy of Eric Marsh (Children's Hospital of Philadelphia).

