



Anti-Copper-transporting ATPase 1, NeuroMab clone L60/4

Available as TC supe (RRID:AB_10672736) and Pure IgG (RRID:AB_2062824)

Immunogen:

Synthetic peptide amino acids 42-61 (SLEEKNATIYDPKLQTPKT, cytoplasmic N-terminus) of human ATP7A (also known as Copper-transporting ATPase 1, Copper pump 1, Menkes disease-associated protein, MC1 and MNK, accession number Q04656)

Mouse: 95% identity (19/20 amino acids identical)

Rat: 85% identity (17/20 amino acids identical)

No significant identity with ATP7B

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2b

NeuroMab Applications:

Immunoblot, Immunocytochemistry,
Immunohistochemistry and Immunoprecipitation

Species Reactivity: human, mouse, rat

MW: 160 kDa

Immunoblot of lysates from human skin fibroblasts from an ATP7A wild-type individual (ATP7A^{+/+}, Lane 1) and three individuals with ATP7A null mutations (ATP7A^{-/-}, Lanes 2-4) probed with L60/4 (top) and actin (bottom). Data courtesy of Stephanie Zlatic and Victor Faundez (Emory University). See reference 2017 Comstra et al eLife (PMID 28355134) for further detail.

Adult rat hippocampus immunohistochemistry

