

**Anti-Clcn3, NeuroMab clone N258/5****Immunogen:**

Synthetic peptide amino acids 98-115 (CKDRERHRRINSKKKESA, cytoplasmic N-terminus) of human Clcn3 (also known as H(+)/Cl(-) exchange transporter 3, Chloride transporter CIC-3, Chloride channel protein 3 and Clc3, accession number P51790)

Mouse: 100% identity (18/18 amino acids identical)

Rat: 100% identity (18/18 amino acids identical)

<70% identity with Clcn4 and Clcn5

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: human, mouse, rat

Does not cross-react with Clcn4 or Clcn5 (based on KO validation results)

MW: 90 kDa

Immunoblot versus crude membranes from adult rat brain (RBM) and WT and Clcn3 KO mouse brains probed with N258/5 (left) and N52A/42 (right) TC supe. Mouse brains courtesy of Fred Lamb (University of Iowa).

Adult rat brain
immunohistochemistry

