



### Anti-EAAC1, NeuroMab clone N180/41

Available as TC supe (RRID: AB\_10697871)

#### Immunogen:

Fusion protein amino acids 1-524 (full-length) of human EAAC1 (also known as Excitatory amino-acid carrier 1, Excitatory amino acid transporter 3, EAAT3, Neuronal and epithelial glutamate transporter, Sodium-dependent glutamate/aspartate transporter 3, Solute carrier family 1 member 1 and Slc1a1, accession number P43005)

Rat: 91% identity (477/524 amino acids identical)

Mouse: 90% identity (472/524 amino acids identical)

<60% identity with Slc1a2, Slc1a3, Slc1a6 and Slc1a7

<50% identity with Slc1a4 and Slc1a5

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

#### NeuroMab Applications:

Immunocytochemistry, Immunoblot and Immunoprecipitation

Species Reactivity: human, mouse

MW: 70 kDa

Transfected cell immunoblot: extracts of COS cells transiently transfected with untagged EAAC1 or Kv2.1 plasmid and probed with N180/41 (left) and K89/34 (right) TC supe.

