



### Anti-VGlut3, NeuroMab clone N34/34

#### Immunogen:

Fusion protein amino acids 546-588 (cytoplasmic C-terminus) of rat VGlut3 (also known as Vesicular glutamate transporter 3, Solute carrier family 17 member 8 and Slc17a8, accession number Q7TSF2)

Mouse: 88% identity (38/43 amino acids identical)

Human: 59% identity (26/44 amino acids identical)

<50% identity with VGlut1 or VGlut2

#### 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

Does not cross-react with VGlut1 or VGlut2

MW: 65 kDa

Top: transfected cell immunoblot: extracts of CV-1 fibroblast cells transfected with VGlut3 (+) or left untransfected (-) and probed with N34/34 TC supe. Image courtesy of Jeff Erickson, Louisiana State University Health Sciences Center.

Center: transfected cell immunoblot: extracts of COS cells transiently transfected with untagged VGlut1, VGlut2, VGlut3 or Kv2.1 plasmid and probed with N34/34 (left) or N52A/42 (right) TC supe.

Bottom: adult rat brain immunohistochemistry

