

## VGLUT2 Antibody / SLC17A6 (Center Region) (F54195)

Catalog No.	Formulation	Size
F54195-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54195-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

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<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Rat
<b>Predicted Reactivity</b>	Bovine, Human, Mouse
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q9P2U8
<b>Applications</b>	Western Blot : 1:1000-1:2000
<b>Limitations</b>	This VGLUT2 antibody is available for research use only.



Western blot testing of rat brain lysate with VGLUT2 antibody at 1:2000. Predicted molecular weight ~64 kDa.

### Description

Vesicular glutamate transporter 2 mediates the uptake of glutamate into synaptic vesicles at presynaptic nerve terminals of excitatory neural cells. May also mediate the transport of inorganic phosphate.

### Application Notes

The stated application concentrations are suggested starting points. Titration of the VGLUT2 antibody may be required

due to differences in protocols and secondary/substrate sensitivity.

## **Immunogen**

A portion of amino acids 255-289 from human Vesicular glutamate transporter 2 was used as the immunogen for the VGLUT2 antibody.

## **Storage**

Aliquot the VGLUT2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.