

## VGLU1 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A23340	Rabbit	1 mg/ml	

<b>Applications</b>	WB
<b>Reactivity</b>	Human, Mouse,Rat
<b>Dilution</b>	WB 1:500-2000
<b>Storage</b>	-20°C/1 year
<b>Specificity</b>	This antibody detects endogenous levels of VGLU1 at Human/Mouse/Rat
<b>Source / Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Immunogen</b>	Synthesized peptide derived from human VGLU1
<b>Uniprot No</b>	Q9P2U7
<b>Alternative names</b>	Vesicular glutamate transporter 1 (VGluT1) (Brain-specific Na(+)-dependent inorganic phosphate cotransporter) (Solute carrier family 17 member 7)
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.79% sodium azide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Conjugation</b>	
<b>Background</b>	The protein encoded by this gene is a vesicle-bound, sodium-dependent phosphate transporter that is specifically expressed in the neuron-rich regions of the brain. It is preferentially associated with the membranes of synaptic vesicles and functions in glutamate transport. The protein shares 82% identity with the differentiation-associated Na-dependent inorganic phosphate cotransporter and they appear to form a distinct class within the Na <sup>+</sup> /Pi cotransporter family. [provided by RefSeq, Jul 2008],
<b>Other</b>	SLC17A7 BNPI VGLUT1, VGLU1

### Product Images:

#### Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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