

VGLU1 rabbit pAb antibody

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

Applications	WB
Reactivity	Human, Mouse,Rat
Dilution	WB 1:500-2000
Storage	-20°C/1 year
Specificity	This antibody detects endogenous levels of VGLU1 at Human/Mouse/Rat
Source / Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Immunogen	Synthesized peptide derived from human VGLU1
Uniprot No	Q9P2U7
Alternative names	Vesicular glutamate transporter 1 (VGluT1) (Brain-specific Na(+)-dependent inorganic phosphate cotransporter) (Solute carrier family 17 member 7)
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.79% sodium azide.
Clonality	Polyclonal
Isotype	IgG
Conjugation	
Background	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 ⁺ /Pi cotransporter family. [provided by RefSeq, Jul 2008],
Other	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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