

VGLU1 rabbit pAb

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| Catalog_no : | <u>AN3121</u> |
| Applications : | <u>WB</u> |
| Reactivity : | <u>Human, Mouse,Rat</u> |
| Category : | <u>抗原抗体</u> |
| Size : | <u>100µg/50µg/20µg</u> |
| Gene_name : | <u>SLC17A7 BNPI VGLUT1</u> |
| Protein_name : | <u>VGLU1</u> |
| Humangene_id | <u>57030</u> |
| : | <u></u> |
| Humanswissprot | <u>Q9P2U7</u> |
| _no : | <u></u> |
| Mousegene_id : | <u>72961</u> |
| Mouseswissprot | <u>Q3TXX4</u> |
| _no : | <u></u> |
| Ratgene_id : | <u>116638</u> |
| Ratswissprot_no | <u>Q62634</u> |
| : | <u></u> |
| Immunogen : | <u>Synthesized peptide derived from human VGLU1</u> |
| Specificity : | <u>This antibody detects endogenous levels of VGLU1 at Human/Mouse/Rat</u> |
| Formulation : | <u>Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.79% sodium azide.</u> |
| Source : | <u>Rabbit</u> |
| Dilution : | <u>WB 1:500-2000</u> |
| Purification : | <u>The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.</u> |
| Concentration : | <u>1 mg/ml</u> |
| Storage_stability | <u>-20°C/1 year</u> |
| : | <u></u> |
| Other_name : | <u>Vesicular glutamate transporter 1 (VGluT1) (Brain-specific Na(+)-dependent inorganic phosphate cotransporter) (Solute carrier family 17 member 7)</u> |



Molecular Weight : 60KD

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],
