

Product Information

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| Product SKU: | CAB12879 | Gene ID: | 57030 | Size: | 20uL, 100uL |
| Clone No: | - | Host Species: | Rabbit | Reactivity: | Human,Mouse |

Additional Information

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| Observed MW: | 62kDa | Conjugate: | Unconjugated |
| Calculated MW: | 62kDa | Isotype: | IgG |

Immunogen Information

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.

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| Recommended Dilution: | WB,1:500 - 1:1000 IF/ICC,1:50 - 1:200 |
| Synonyms: | BNPI; VGLUT1; SLC17A7 |
| Purification Method: | Affinity purification |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 461-560 of human SLC17A7 (NP_064705.1). |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3. |