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**[ Primary Antibody ]**

# Recombinant Rabbit Anti-SLC17A7 Monoclonal Antibody

**Catalog Number: SLA1120M**

**FOR RESEARCH USE ONLY**

**[ DATASHEET ]**

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|---|---|
| **Host:** | Rabbit |
| **Clonality:** | Monoclonal |
| **Clone No.:** | 2G5 |
| **GeneID:** | 57030 |
| **SWISS:** | Q9P2U7 |
| **Target:** | SLC17A7 |
| **Immunogen:** | KLH conjugated synthetic peptide derived from human VGLUT1 |
| **Concentration:** | 1mg/ml |
| **Storage:** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles. |
| **Applications:** | WB (1:500-2000)<br>Not yet tested in other applications.<br>Optimal working dilutions must be determined by the end user. |
| **Reactivity:** | Human,Mouse,Rat |
| **Predicted MW.:** | 62 kDa |
| **Subcellular Location:** | Cytoplasm |
| **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] |

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.