

VGLU1 Rabbit pAb

CatalogNo: YN3121

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 60kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen Synthesized peptide derived from human VGLU1 AA range: 488-538

Specificity This antibody detects endogenous levels of VGLU1 at Human/Mouse/Rat

| Target Information

Gene name SLC17A7 BNPI VGLUT1

Protein Name VGLU1

| Organism | Gene ID | UniProt ID |
|----------|-------------------------|-------------------------|
| Human | 57030; | Q9P2U7; |
| Mouse | 72961; | Q3TXX4; |
| Rat | 116638; | Q62634; |

Cellular Localization

Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane . Membrane ; Multi-pass membrane protein . Cell junction, synapse, synaptosome .

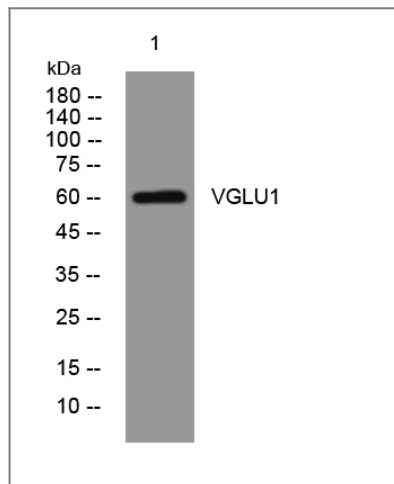
Tissue specificity

Expressed in several regions of the brain including amygdala, cerebellum, cerebral cortex, hippocampus, frontal lobe, medulla, occipital lobe, putamen and temporal lobe.

Function

Function:Mediates the uptake of glutamate into synaptic vesicles at presynaptic nerve terminals of excitatory neural cells. May also mediate the transport of inorganic phosphate.,similarity:Belongs to the major facilitator superfamily. Sodium/anion cotransporter family. VGLUT subfamily.,tissue specificity:Expressed in several regions of the brain including amygdala, cerebellum, cerebral cortex, hippocampus, frontal lobe, medulla, occipital lobe, putamen and temporal lobe.,

Validation Data



Western blot analysis of lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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