

VGLUT1 (PT1164R) PT™ Rabbit mAb

CatalogNo: YM9013 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, IP, ELISA

MW

- 62kD (Calculated)
- 62kD (Observed)

Isotype

- IgG, Kappa

Recommended Dilution Ratios

IHC 1:200-1:1000

WB 1:2000-1:10000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Basic Information

Clonality Monoclonal**Clone Number** PT1164R

Immunogen Information

Specificity Endogenous

| Target Information

Gene name SLC17A7 BNPI VGLUT1

Protein Name VGLU1

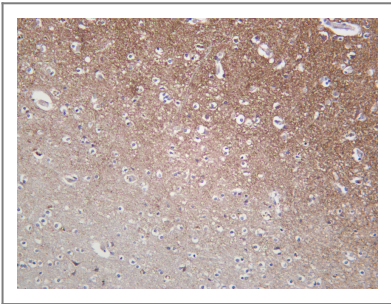
Organism	Gene ID	UniProt ID
Human	57030;	Q9P2U7;
Mouse	72961;	Q3TXX4;
Rat	116638;	Q62634;

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

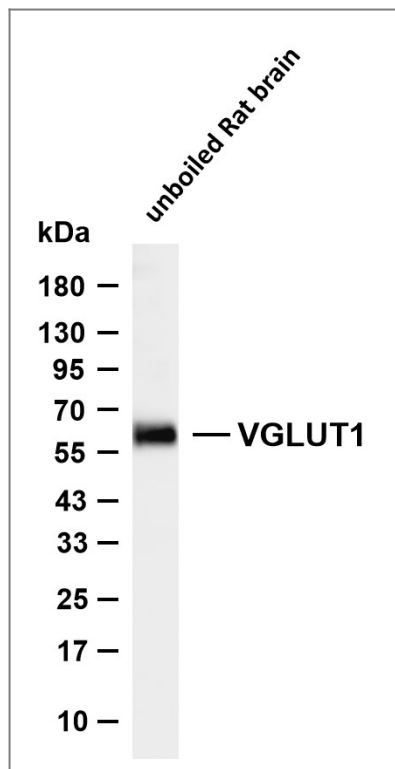
Tissue specificity Expressed in several regions of the brain including amygdala, cerebellum, cerebral cortex, hippocampus, frontal lobe, medulla, occipital lobe, putamen and temporal lobe.

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



Human brain was stained with anti-VGLUT1 (PT1164R) Rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-VGLUT1 (PT1164R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: unboiled Rat brain Predicted band size: 62kDa Observed band size: 62kDa

Contact information

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PT™ Rabbit mAb

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