

VGLU2 Rabbit pAb

CatalogNo: YN3008

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 64kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

| Storage

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

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

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein

Specificity VGLU2 Polyclonal Antibody detects endogenous levels of protein.

| Target Information

Gene name SLC17A6 DNPI VGLUT2

Protein Name	Vesicular glutamate transporter 2 (VGluT2) (Differentiation-associated BNPI) (Differentiation-associated Na(+)-dependent inorganic phosphate cotransporter) (Solute carrier family 17 member 6)		
	Organism	Gene ID	UniProt ID
	Human	57084;	Q9P2U8;
	Mouse		Q8BLE7;
	Rat		Q9JI12;
Cellular Localization	Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane ; Multi-pass membrane protein . Cell junction, synapse, synaptosome .		
Tissue specificity	Predominantly expressed in adult brain (PubMed:10820226). Expressed in amygdala, caudate nucleus, cerebral cortex, frontal lobe, hippocampus, medulla, occipital lobe, putamen, spinal cord, substantia nigra, subthalamic nucleus, temporal lobe and thalamus (PubMed:10820226).		
Function	developmental stage:Expressed in fetal brain.,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:Predominantly expressed in adult brain. Expressed in amygdala, caudate nucleus, cerebral cortex, frontal lobe, hippocampus, medulla, occipital lobe, puteman, spinal cord, substantia nigra, subthalamic nucleus, temporal lobe and thalamus.,		

| Validation Data

| Contact information

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