

## 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

<b>Protein Name</b>	Vesicular glutamate transporter 2 (VGluT2) (Differentiation-associated BNPI) (Differentiation-associated Na(+)-dependent inorganic phosphate cotransporter) (Solute carrier family 17 member 6)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">57084;</a>	<a href="#">Q9P2U8;</a>
	Mouse		<a href="#">Q8BLE7;</a>
	Rat		<a href="#">Q9JI12;</a>
<b>Cellular Localization</b>	Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane ; Multi-pass membrane protein . Cell junction, synapse, synaptosome .		
<b>Tissue specificity</b>	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).		
<b>Function</b>	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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