

VGLU1 Rabbit Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP05451

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen Synthesized peptide derived from human VGLU1

Mol wt N/A

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB

Concentration 1 mg/ml

Full name VGLU1

Synonyms VGLU1; Vesicular glutamate transporter 1; VGluT1; Brain-specific Na;+-dependent inorganic phosphate

cotransporter; Solute carrier family 17 member 7

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

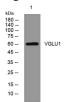
The protein encoded by this gene is a vesicle-bound sodium-dependent phosphate transporter that is specifically expressed in the neuron-rich regions of the brain. It is preferentially associated with the membranes of synaptic vesicles and functions in glutamate transport. The protein shares 82% identity with the differentiation-associated Na-dependent inorganic phosphate cotransporter and they appear to form a distinct class within the Na+/Pi cotransporter family.

Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

Images



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

Storage

-20°C for 1 year