

IHCeasy[®] VGLUT1 Ready-To-Use IHC Kit

Catalog Number: **KHC2996**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human, Mouse, Rat
Cited Reactivity:

Assay type:
Immunohistochemistry
Primary antibody type:
Rabbit Polyclonal
Secondary antibody type:
Polymer-HRP-Goat anti-Rabbit

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL × 2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

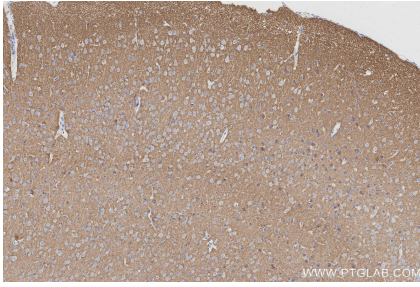
Background

Vesicular glutamate transporter 1 (VGLUT1) is a critical protein involved in the packaging and release of the neurotransmitter glutamate in synaptic vesicles. VGLUT1 is predominantly expressed in neurons that release glutamate, the primary excitatory neurotransmitter in the central nervous system, it is a marker of glutamatergic neurons.

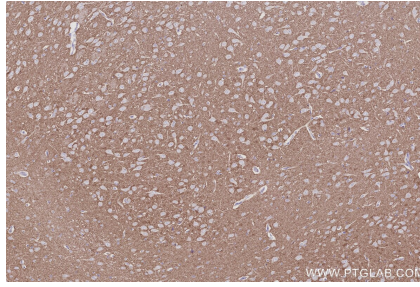
Synonyms

SLC17A7, BNPI, Brain-specific Na(+)-dependent inorganic phosphate cotransporter

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC2996 (VGLUT1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC2996 (VGLUT1 IHC Kit).