

# IHC*easy* Syntaxin 1A/1B Ready-To-Use IHC Kit

Catalog Number: **KHC0051**

## General Information

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

Assay type:  
Immunohistochemistry  
Primary antibody type:  
Mouse Monoclonal  
Secondary antibody type:  
Polymer-HRP-Goat anti-Mouse

## 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.

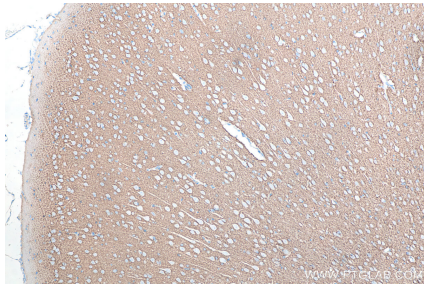
## Background

Syntaxins are a family of transmembrane proteins that belong to the SNARE complex. In conjunction with other SNAREs and with the cytoplasmic NSF and SNAP proteins, syntaxins mediate vesicle fusion in diverse vesicular transport processes along the exocytic and the endocytic pathway. Syntaxin 1A and 1B, two closely related isoforms of syntaxin 1, are involved in synaptic vesicle docking and fusion during neurotransmitter release.

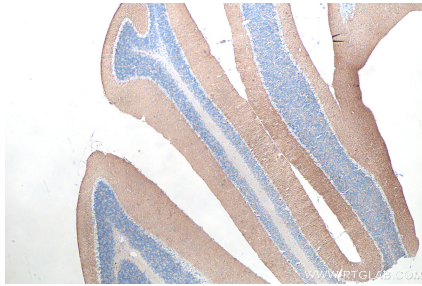
## Synonyms

STX1B, STX1B1, STX1B2, Syntaxin 1A, Syntaxin 1A / Syntaxin 1B, Syntaxin 1A/1B, syntaxin 1B, Syntaxin 1B1, Syntaxin 1B2

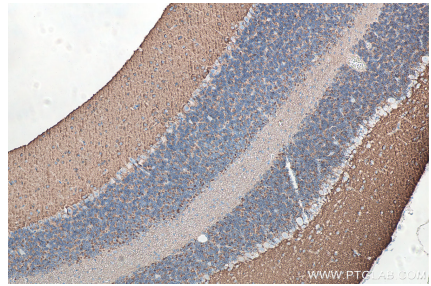
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC0051 (Syntaxin 1A/1B IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using KHC0051 (Syntaxin 1A / Syntaxin 1B IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue slide using KHC0051 (Syntaxin 1A/1B IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC0051 (Syntaxin 1A / Syntaxin 1B IHC Kit).