

# IHC*easy* RAB3A Ready-To-Use IHC Kit

Catalog Number: **KHC2201**

## 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	

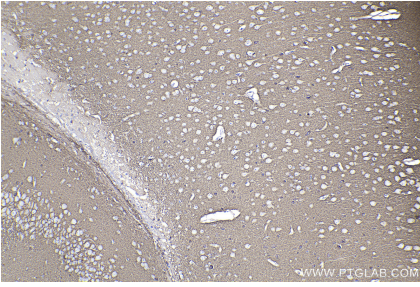
## Storage Instructions

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

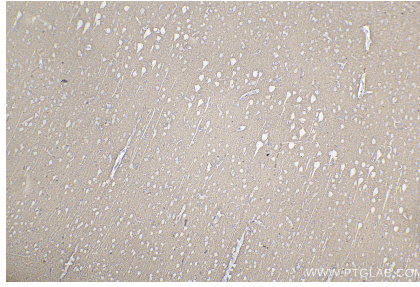
## Background

Rab3A is a small G-protein of the Rab family, that is implicated in vesicle fusion and regulated secretion, particularly in neurotransmitter release. Rab3 subfamily small G proteins (Rab3A, Rab3B, Rab3C, and Rab3D) control the regulated exocytosis in neuronal/secretory cells. Rab3A is the most abundant Rab GTPase in brain, where it is associated with synaptic vesicles. Rab3a is believed to modulate secretion efficiency by stimulating vesicle recruitment to sites of exocytosis and/ or by recruiting regulatory molecules to the docking/ fusion machinery.

## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC2201 (RAB3A IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC2201 (RAB3A IHC Kit).