

# IHC*easy* PHF6 Ready-To-Use IHC Kit

Catalog Number: **KHC2653**

## 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.

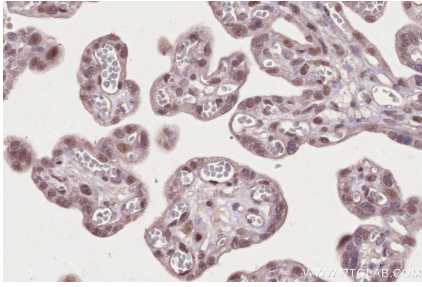
## Background

PHF6 protein is highly conserved in vertebrates. Structurally, PHF6 protein contains two plant homeodomain (PHD)-like zinc fingers, two nuclear localization sequences and a nucleolar localization sequence, suggesting that PHF6 may play a role in the regulation of transcription. PHD zinc fingers are structurally conserved modules that interact with chromatin or mediate protein-protein interactions. PHF6 associates with subunits of the PAF1 transcription elongation complex including PAF1, LEO1, CTR9 and CDC73. The interaction of PHF6 with the PAF1 complex plays a critical role in PHF6 function in neuronal migration in the cerebral cortex.

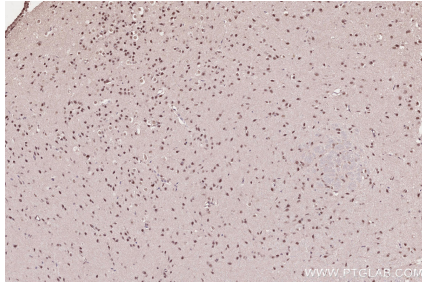
## Synonyms

PHF6, BORJ, CENP-31, PHD-like zinc finger protein, PHF

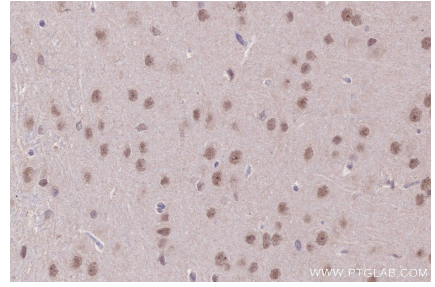
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC2653 (PHF6 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC2653 (PHF6 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC2653 (PHF6 IHC Kit).