

IHCeasy[®] PDE10A Ready-To-Use IHC Kit

Catalog Number: **KHC3051**

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

PDE10A (Phosphodiesterase 10A) is a single member of the PDE10 protein family, and it catalyzes both cAMP and cGMP hydrolysis. The literature on PDE10A has been focused on psychiatric and neurological disorders because PDE10A expression is enriched in the striatal region of the brain under normal conditions. Moreover, PDE10A expression is induced in various human tumor cell lines and PDE10A inhibition suppresses tumor cell growth.

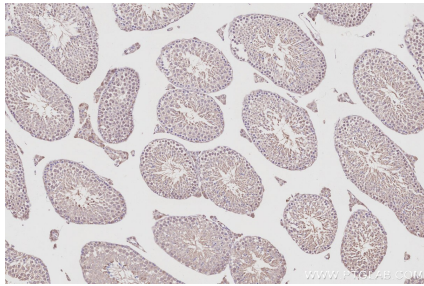
Synonyms

cAMP and cAMP-inhibited cGMP 3',5'-cyclic phosphodiesterase 10A, EC:3.1.4.17, HSPDE10A, phosphodiesterase 10A

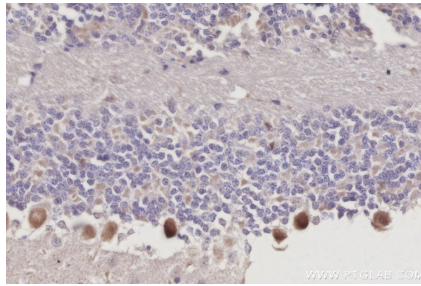
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

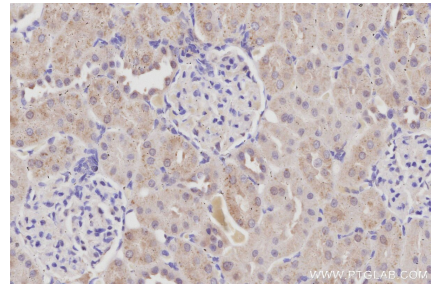
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC3051 (PDE10A IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using KHC3051 (PDE10A IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC3051 (PDE10A IHC Kit).