

IHC*easy* CDK5 Ready-To-Use IHC Kit

Catalog Number: **KHC1657**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human, 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.

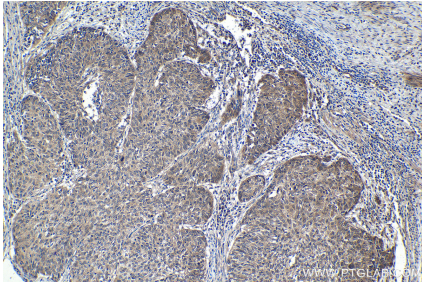
Background

Cyclin-dependent kinase 5 (CDK5), belongs to the cyclin-dependent kinase family, is a proline-directed serine/threonine-protein kinase that essential for neuronal cell cycle arrest and differentiation and may be involved in apoptotic cell death in neuronal diseases by triggering abortive cell cycle re-entry. CDK5 predominantly expressed in neurons where it phosphorylates both high molecular weight neurofilaments and microtubule-associated protein tau.

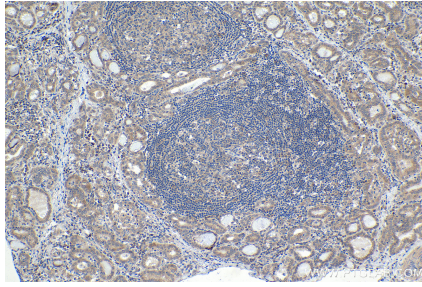
Synonyms

CDK5, Cell division protein kinase 5, cyclin dependent kinase 5, PSSALRE, TPKII catalytic subunit

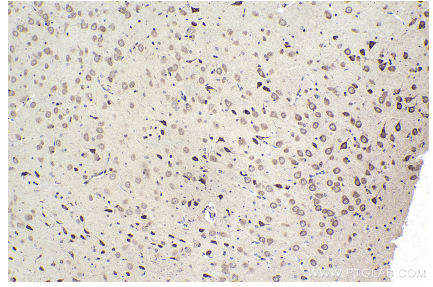
Selected Validation Data



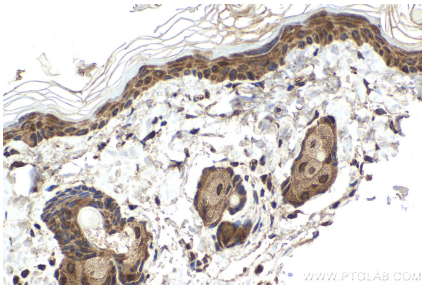
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using KHC1657 (CDK5 IHC Kit).



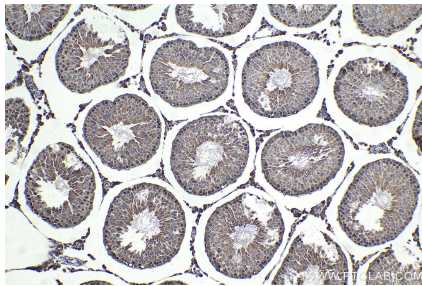
Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using KHC1657 (CDK5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC1657 (CDK5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat skin tissue slide using KHC1657 (CDK5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC1657 (CDK5 IHC Kit).