

IHC*easy* CAMK2D Ready-To-Use IHC Kit

Catalog Number: **KHC2433**

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.

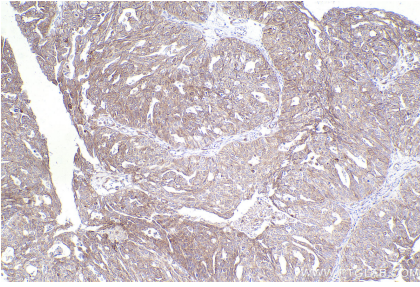
Background

CaMKII delta, also named as CAMKD and CaMKII delta, belongs to the protein kinase superfamily, CAMK Ser/Thr protein kinase family and CaMK subfamily. CaM-kinase II (CAMK2) is a prominent kinase in the central nervous system that may function in long-term potentiation and neurotransmitter release, composed of four different chains: alpha, beta, gamma, and delta. The CAMK2 protein kinases contain a unique C-terminal subunit association domain responsible for oligomerization. The different chains assemble into homo- or heteromultimeric holoenzymes composed of 8 to 12 subunits.

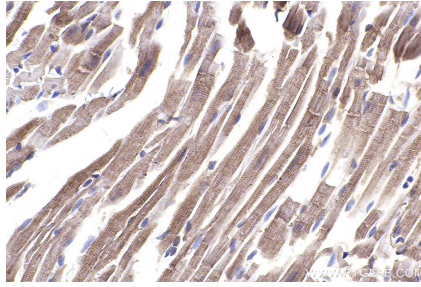
Synonyms

CAMK2D, CaMKII delta, Calcium/calmodulin-dependent p

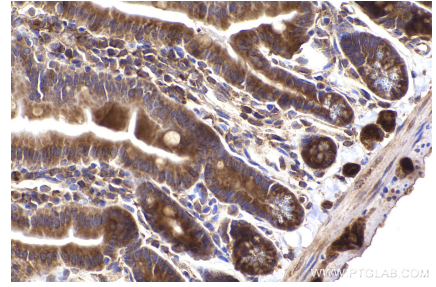
Selected Validation Data



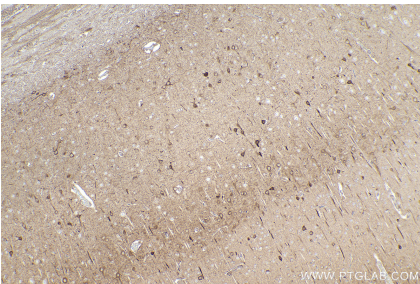
Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using KHC2433 (CAMK2D IHC Kit).



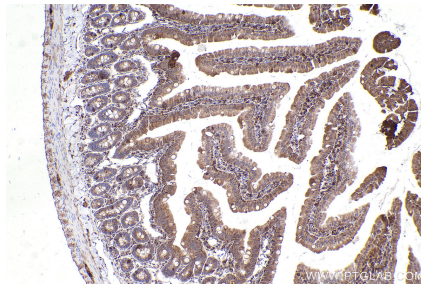
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC2433 (CAMK2D IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using KHC2433 (CAMK2D IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC2433 (CAMK2D IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using KHC2433 (CAMK2D IHC Kit).