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For Research Use Only

IHC*easy* CPEB3 Ready-To-Use IHC Kit

Catalog Number: KHC1835

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse

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

CPEB3, the cytoplasmic polyadenylation element-binding protein 3, contains a Q/N-rich domain at its N-termina which is required for the aggregation of CPEB3. The expression of CPEB3 is downregulated in cervical cancer and hepatocellular carcinoma compared with normal tissue. It has been reported that the aggregation and activity of CPEB3 is controlled by SUMOylation. CPEB3 is SUMOylated in hippocampal neurons in the basal state while converted into an active form which is associated with a decrease of SUMOylation and an increase of aggregation. CPEB3 is expressed in cytoplasma in unstimulated neurons but translocates to the nucleus following neuronal stimulation.

Synonyms

CPE binding protein 3, CPE BP3, CPEB3, hCPEB 3, KIAA0940

For technical support and original validation data for this product please contact:
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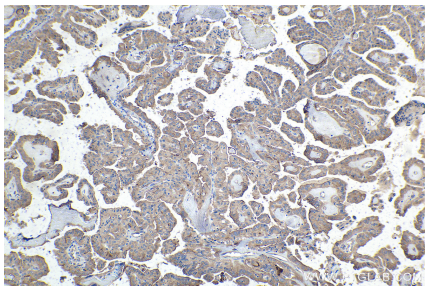
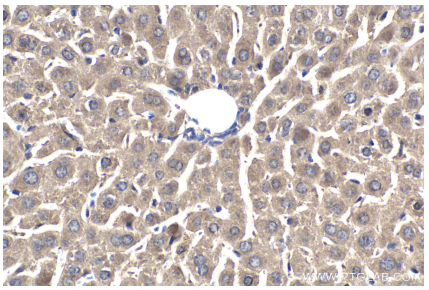
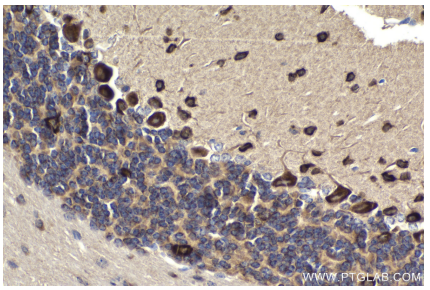
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using KHC1835 (CPEB3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC1835 (CPEB3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using KHC1835 (CPEB3 IHC Kit).