

## CPEB1 antibody

**Cat. No. GTX23465**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P, IP
<b>Reactivity</b>	Human, Mouse, Rat

**Package**  
100 µg

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:100-1:1000
ICC/IF	1:50-1:500
IHC-P	1:50-1:500
IP	Assay dependent

Not tested in other applications.

**Calculated MW** 62 kDa. ([Note](#))

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 0.1% BSA
<b>Preservative</b>	0.05% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Synthetic peptide corresponding to residues C H(545) S M E G L R H H S P L M R N Q K N(562) of human CPEB.
<b>Purification</b>	Purified by antigen-affinity chromatography
<b>Conjugation</b>	Unconjugated

**Note**

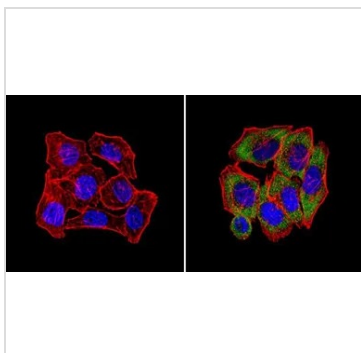
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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## DATA IMAGES

**GTX23465 ICC/IF Image**

ICC/IF analysis of U251 cells using GTX23465 CPEB1 antibody. Cells were probed without (left) or with(right) an antibody.

Green : Primary antibody

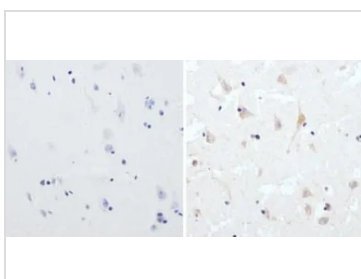
Blue : Nuclei

Red : Actin

Fixation : Formalin

Permeabilization : 0.1% Triton X-100 in TBS for 5-10 minute

Dilution : 1:100 and incubated overnight at 4°C

**GTX23465 IHC-P Image**

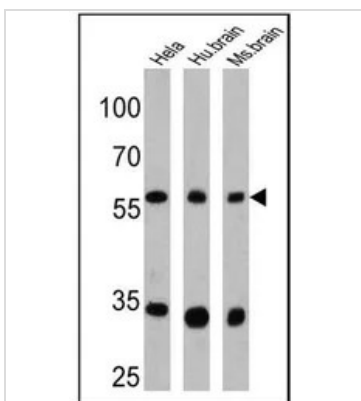
IHC-P analysis of human brain tissue using GTX23465 CPEB1 antibody.

Right : Primary antibody

Left : Negative control without primary antibody

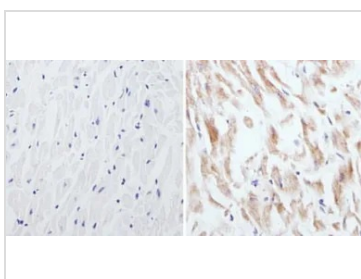
Antigen retrieval : 10mM sodium citrate (pH 6.0), microwaved for 8-15 min

Dilution : 1:100

**GTX23465 WB Image**

WB analysis of 25 ug of HeLa (lane 1), human brain (lane 2) and mouse brain (lane 3) lysates using GTX23465 CPEB1 antibody.

Dilution : 1:500

**GTX23465 IHC-P Image**

IHC-P analysis of human heart tissue using GTX23465 CPEB1 antibody.

Right : Primary antibody

Left : Negative control without primary antibody

Antigen retrieval : 10mM sodium citrate (pH 6.0), microwaved for 8-15 min

Dilution : 1:50



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