

CREB antibody [LB9]

Cat. No. GTX15731

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Application	WB, ICC/IF, IHC-P, IP, ELISA, ChIP assay, IHC
Reactivity	Human, Mouse, Rat, Primate

Package
100 µg

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500
ICC/IF	5 µg/ml
IHC-P	1:200
IP	2 µg
ELISA	0.1-1 µg/ml
ChIP assay	2.5 µg/10 ⁶ cells
IHC	Assay dependent

Not tested in other applications.

Calculated MW 37 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	PBS, 0.1% BSA
Preservative	0.05% Sodium azide
Storage	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.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant human CREB-A protein.
Purification	Protein A purified
Conjugation	Unconjugated

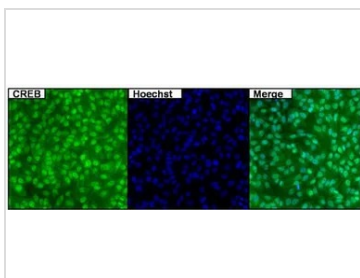


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Note

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DATA IMAGES

GTX15731 ICC/IF Image

ICC/IF analysis of HeLa cells using GTX15731 CREB antibody [LB9].

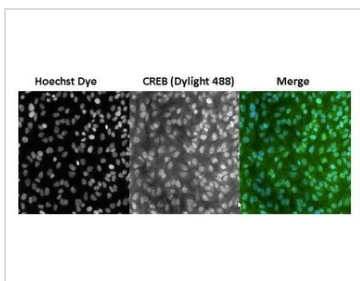
Green : Primary antibody

Blue : Nuclei

Fixation : Formalin

Permeabilization : 0.1% Triton X-100 in TBS for 15 minutes at room temperature

Dilution : 1:500 for at least 1 hour at room temperature


GTX15731 ICC/IF Image

ICC/IF analysis of HeLa cells using GTX15731 CREB antibody [LB9].

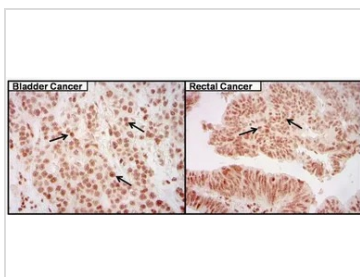
Green : Primary antibody

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Fixation : Formalin

Permeabilization : 0.1% Triton X-100 in TBS for 15 minutes at room temperature

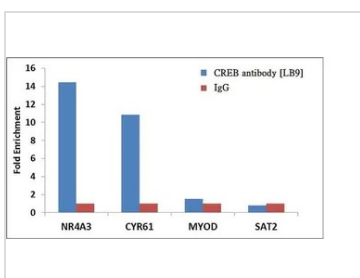
Dilution : 1:400 for at least 1 hour at room temperature


GTX15731 IHC-P Image

IHC-P analysis of human bladder and rectal tissue using GTX15731 CREB antibody [LB9].

Antigen retrieval : heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer for 20 minutes.

Dilution : 1:200


GTX15731 ChIP assay Image

ChIP analysis of 2 million HeLa cells using GTX15731 CREB antibody [LB9]. Normal Rabbit IgG was used as a negative IP control. The precipitated DNA was detected by PCR with primer set targeting to promoter of NR4A3, CYR61 gene used as positive control target, and the MYOD, SAT2 used as negative control target.



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