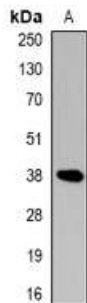


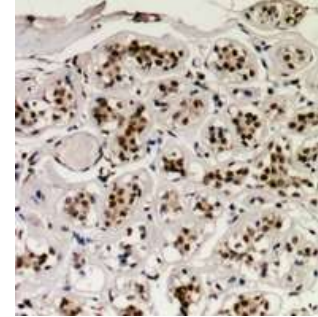
Phospho CREB (Ser129) Antibody

CATALOG NO:	A1222-100
ALTERNATIVE NAMES:	Cyclic AMP-responsive element-binding protein 1, CREB-1, cAMP-responsive element-binding protein 1
AMOUNT:	100 µl
IMMUNOGEN:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CREB
HOST/ISOTYPE:	Rabbit IgG
CLONALITY:	Polyclonal
SPECIFICITY:	Recognizes endogenous levels of CREB protein
SPECIES REACTIVITY:	Human, Mouse and Rat
PURIFICATION:	The antibody was purified by affinity chromatography
FORM:	Liquid
FORMULATION:	Supplied in 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide
STORAGE CONDITIONS:	Shipped at 4°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
DESCRIPTION:	Phosphorylation-dependent transcription factor that stimulates transcription upon binding to the DNA cAMP response element (CRE), a sequence present in many viral and cellular promoters. Transcription activation is enhanced by the TORC coactivators which act independently of Ser-133 phosphorylation. Involved in different cellular processes including the synchronization of circadian rhythmicity and the differentiation of adipose cells.
APPLICATION:	WB; 1:500 - 1/2000, IH; 1:50 – 1:200, IF/IC; 1:50 – 1:100

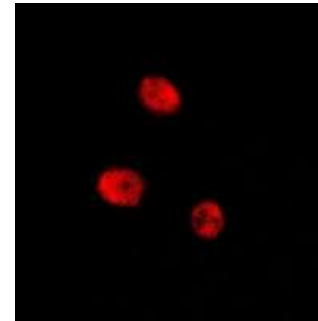


Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.

Western blot analysis of CREB (pS129) expression in RAW264.7 UV-treated (A) whole cell lysates



Immunohistochemical analysis of CREB (pS129) staining in human breast cancer formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of CREB (pS129) staining in RAW264.7 cells

RELATED PRODUCTS:

- CREB Antibody (**Cat. No. 3360R-100**)
- CREB Blocking Peptide (**Cat. No. 3360RBP-50**)
- CREB Binding Protein bromodomain (1081-1197 aa) (GST-tagged), Human recombinant (**Cat. No. 7659-100**)
- Phospho-CREB (Ser133) ELISA Kit (**Cat. No. K4232-100**)

FOR RESEARCH USE ONLY! Not to be used on humans.