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CREB-1 (phospho Ser142) Polyclonal Antibody

Cat #: ABP50507 Size: 30μl /100μl /200μl

Product Information

	Product Name: CREB-1 (phospho Ser142) Polyclonal Antibody		
	Applications: WB , IHC-P, IF, ELISA		**Isotype:** Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	**Catalog Number:** ABP50507	LOT	**Lot Number:** Refer to product label
	Formulation: Liquid		**Concentration:** 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		**Note:** Contain sodium azide.

Background: CREB1 encodes a transcription factor (cAMP responsive element binding protein 1) that is a member of the leucine zipper family of DNA binding proteins. cAMP responsive element binding protein 1 binds as a homodimer to the cAMP-responsive element, an octameric palindrome. cAMP responsive element binding protein 1 is phosphorylated by several protein kinases, and induces transcription of genes in response to hormonal stimulation of the cAMP pathway. Alternate splicing of CREB1 results in several transcript variants encoding different isoforms.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), IF (1:200-1:1000), ELISA (1:40000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

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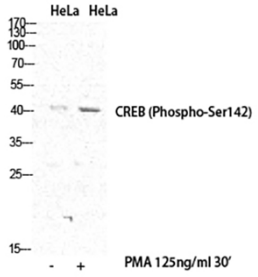
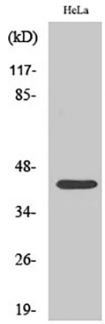
	Fig.1. Western Blot analysis of various cells using Phospho-CREB-1 (S142) Polyclonal Antibody diluted at 1:500.
	Fig.2. Western Blot analysis of HeLa cells using Phospho-CREB-1 (S142) Polyclonal Antibody diluted at 1:500.

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