

Anti-CREB1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P100878

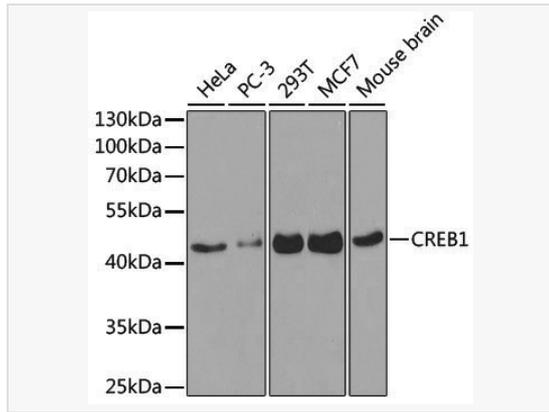
Product Information

Application	WB, IP, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2,000; IP 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-120 of human CREB1 (NP_604391.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-CREB1 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CREB; CREB-1; CREB1.
Calculated MW	Calculated MW: 35 kDa; Observed MW: 45 kDa
Uniprot ID	P16220
Gene ID	1385
Background	This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds as a homodimer to the cAMP-responsive element, an octameric palindrome. The protein is phosphorylated by several protein kinases, and induces transcription of genes in response to hormonal stimulation of the cAMP pathway. Alternate splicing of this gene results in several transcript variants encoding different isoforms.

Validation Images

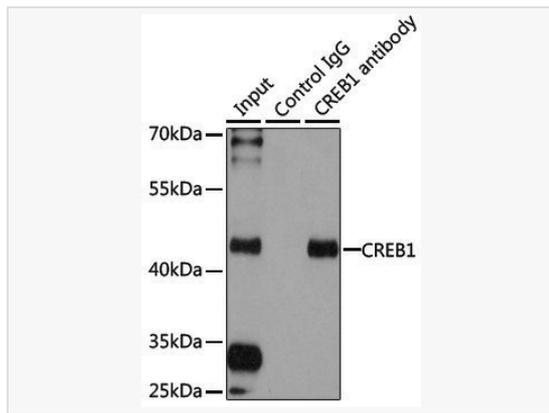


Western blot analysis of various lysates using CREB1 Rabbit pAb (P100878) at 1:1,000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.



Immunoprecipitation analysis of 200 μ g extracts of 293T cells using 1 μ g CREB1 antibody (P100878). Western blot was performed from the immunoprecipitate using CREB1 antibody (P100878) at a dilution of 1:1000.