

## Anti-p-CREB1(Ser133) Rabbit pAb



WLA0644

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-p-CREB1(Ser133) Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	WB	1:500-1:1000
	IHC	1:50-1:200
<b>Cellular localization</b>	Nucleus.	
<b>Pack size</b>	50/100/200/500/1000µl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

## General Information

**Background** CREB1 is 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.

**Immunogen** Polyclonal antibody is produced by immunizing animals with a synthetic peptide of p-CREB1(Ser133).

**Purification** Polyclonal antibody was purified by immunogen affinity chromatography.

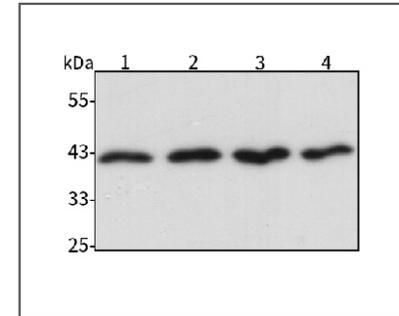
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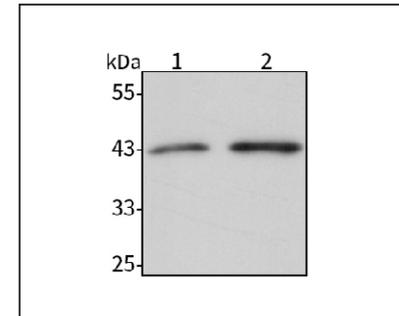
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## Product Images



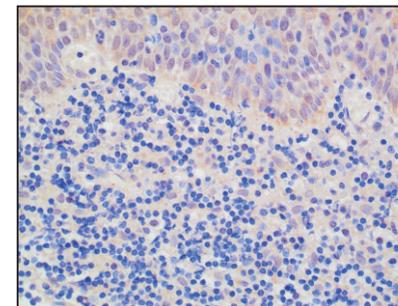
## Western blot-Anti-p-CREB1(Ser133) pAb

Lane 1: Human HUVEC cell lysate  
 Lane 2: Human HEK293 cell lysate  
 Lane 3: Human HCT116 cell lysate  
 Lane 4: Human TPC-1 cell lysate  
 All lanes: Anti-p-CREB1(Ser133) at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane  
 Predicted band size: 35 kDa  
 Observed band size: 43 kDa



## Western blot-Anti-p-CREB1(Ser133) pAb

Lane 1: Mouse kidney tissue lysate  
 Lane 2: Rat RSC96 cell lysate  
 All lanes: Anti-p-CREB1(Ser133) at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane  
 Predicted band size: 35 kDa  
 Observed band size: 43 kDa



## Immunohistochemistry-Anti-p-CREB1(Ser133) pAb

Immunohistochemical analysis of paraffin-embedded human nasal mucosa using anti-p-CREB1(Ser133) Rabbit Antibody at 1:100 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

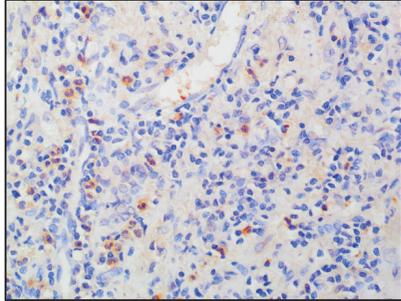
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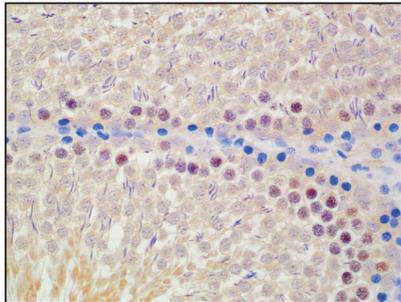
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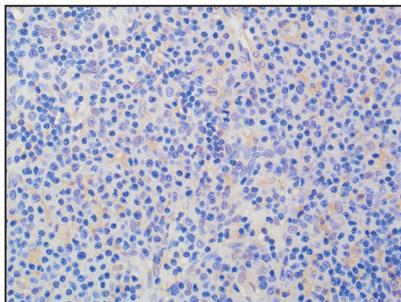
#### Immunohistochemistry-Anti-p-CREB1(Ser133) pAb

Immunohistochemical analysis of paraffin-embedded human liver cancer using anti-p-CREB1(Ser133) Rabbit Antibody at 1:100 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunohistochemistry-Anti-p-CREB1(Ser133) pAb

Immunohistochemical analysis of paraffin-embedded rat testis using anti-p-CREB1(Ser133) Rabbit Antibody at 1:100 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunohistochemistry-Anti-p-CREB1(Ser133) pAb

Immunohistochemical analysis of paraffin-embedded rat lymph gland using anti-p-CREB1(Ser133) Rabbit Antibody at 1:100 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0