Product Datasheet

CREB Antibody
NBP2-22516

Unit Size: 100 ug

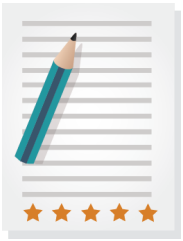
Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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NBP2-22516

CREB Antibody

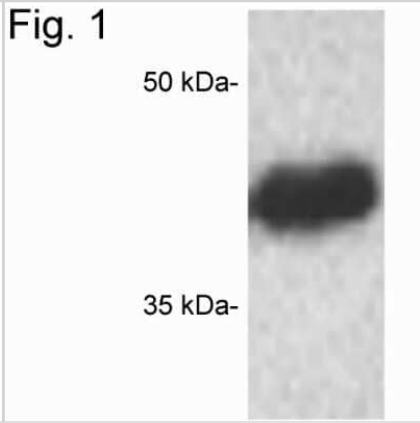
Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS with 1 mg/ml BSA

Product Description	
Description	Novus Biologicals Rabbit CREB Antibody (NBP2-22516) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1385
Gene Symbol	CREB1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide corresponding to residues K(123) R R E I L S R R P S Y R K (136) of human CREB.

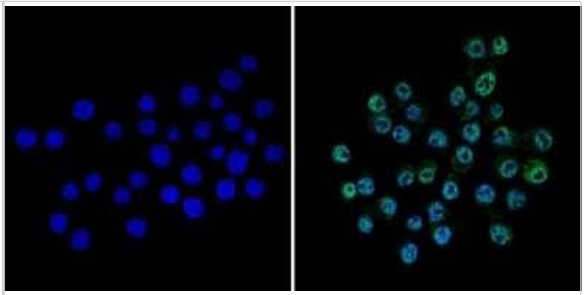
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 2 ug/ml, Immunohistochemistry 1:20 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:500, Immunohistochemistry-Paraffin 1:20 - 1:200, Chromatin Immunoprecipitation (ChIP) 1-3 ul
Application Notes	WB: Detects an approx. 43 kDa protein representing CREB from GH4 cell extract.

Images

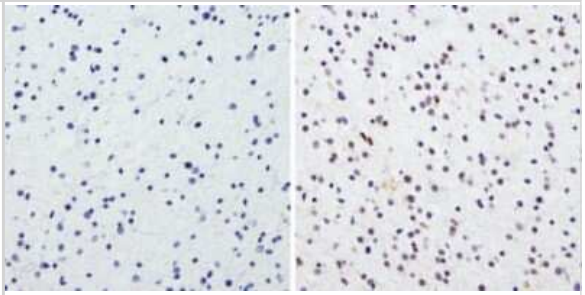
Western Blot: CREB Antibody [NBP2-22516] - Analysis of GH4 cell extract.



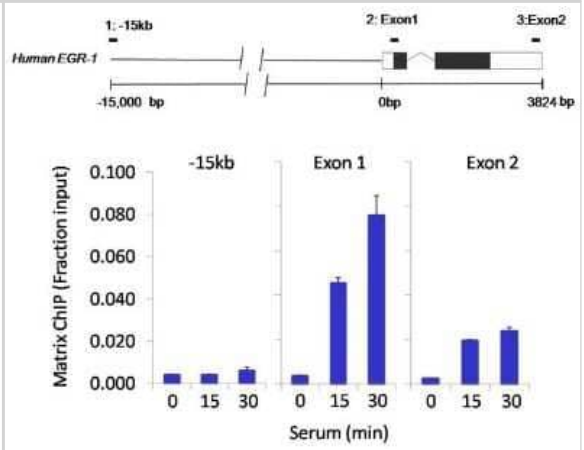
Immunocytochemistry/Immunofluorescence: CREB Antibody [NBP2-22516] - Analysis of CREB (green) showing staining in the nucleus of Neuro-2a cells (right) compared to a negative control without primary antibody (left).



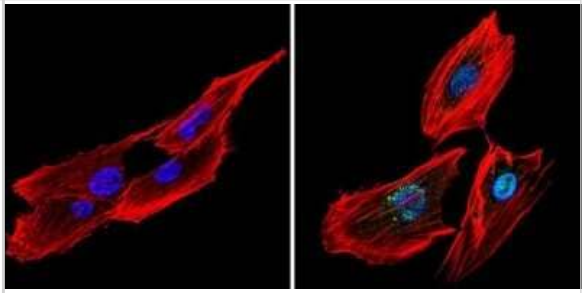
Immunohistochemistry-Paraffin: CREB Antibody [NBP2-22516] - Analysis showing staining in the nucleus of human glioma (right) compared to a negative control without primary antibody (left).

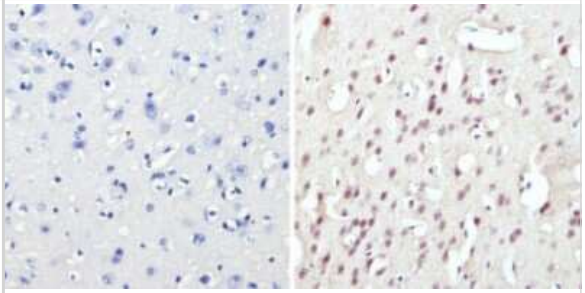
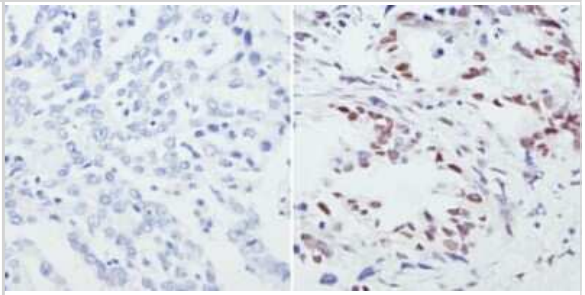


Chromatin Immunoprecipitation: CREB Antibody [NBP2-22516] - Analysis performed using cross-linked chromatin from colon carcinoma cells treated with serum. IP was performed using a multiplex microplate Matrix ChIP assay of a CREB polyclonal antibody. Chromatin aliquots from cells were used per ChIP pull-down. Quantitative PCR data one in quadruplicate using 1ul of eluted DNA in 2ul SYBR real-time PCR reactions containing primers to amplify -15kb upstream of Egr1 or exon-1 or exon-2 of Egr1.Quantitation of immunoprecipitated chromatin is presented as signal relative to the total amount of input chromatin. Results represent the mean +/- SEM. A schematic representation of the Egr-1 locus is shown; xes represent exons (black boxes = translated regions, white boxes = untranslated regions), the zigzag line represents an intron, and the straight line represents upstream sequence. Regions amplified by Egr-1 primers are represented by black bars. Data courtesy of the Innovators Program.



Immunocytochemistry/Immunofluorescence: CREB Antibody [NBP2-22516] - Analysis of CREB (green) showing staining in the nucleus of SK-N-MC cells (right) compared to a negative control without primary antibody (left).



Immunohistochemistry-Paraffin: CREB Antibody [NBP2-22516] - Analysis showing staining in the nucleus of mouse brain tissue (right) compared to a negative control without primary antibody (left).	
Immunohistochemistry-Paraffin: CREB Antibody [NBP2-22516] - Analysis showing staining in the nucleus of human lung adenocarcinoma (right) compared to a negative control without primary antibody (left).	

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Products Related to NBP2-22516

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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