

# Product Datasheet

## ATF4 [p Ser245] Antibody - BSA Free NB100-81802

Unit Size: 0.05 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 1

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**NB100-81802**

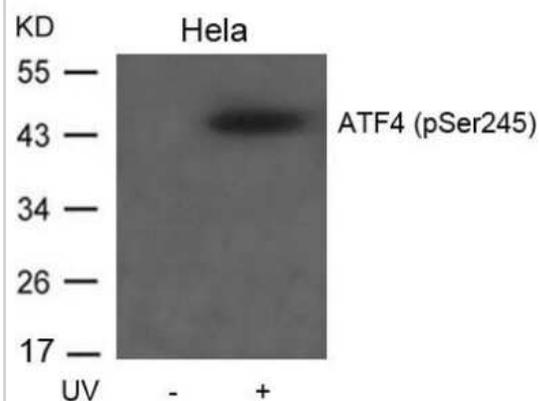
ATF4 [p Ser245] Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.05 ml
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol
<b>Target Molecular Weight</b>	45 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit ATF4 [p Ser245] Antibody - BSA Free (NB100-81802) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-ATF4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	468
<b>Gene Symbol</b>	ATF4
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	Detects endogenous levels of ATF4 only when phosphorylated at serine 245.
<b>Immunogen</b>	The antiserum was produced against synthesized phosphopeptide derived from human ATF4 around the phosphorylation site of serine 245 (N-R-SP-L-P).
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:1000, Immunohistochemistry 1:50-1:100, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:100

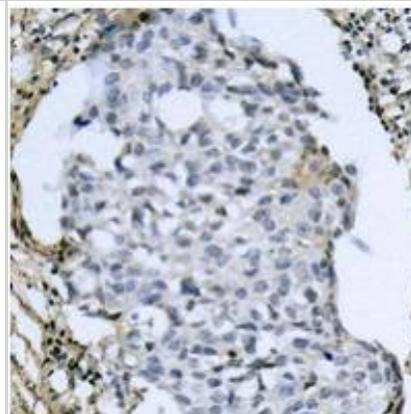


## Images

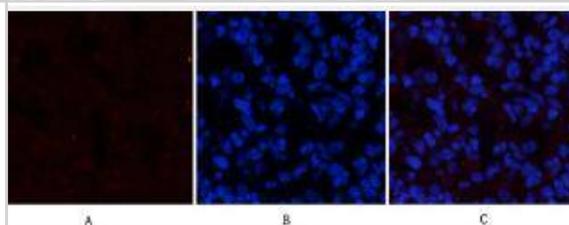
Western Blot: ATF4 [p Ser245] Antibody [NB100-81802] - Analysis of extracts from HeLa cells untreated or treated with UV using NB100-81802



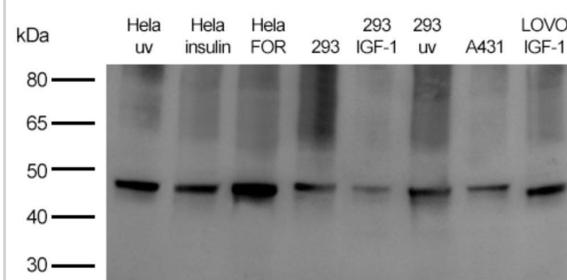
Immunohistochemistry-Paraffin: ATF4 [p Ser245] Antibody [NB100-81802] - Immunohistochemical staining in human breast cancer formalin fixed paraffin-embedded tissue section.



Immunocytochemistry/ Immunofluorescence: ATF4 [p Ser245] Antibody [NB100-81802] - Immunofluorescent staining in A549 cells.



Western Blot: ATF4 [p Ser245] Antibody [NB100-81802] - Western Blot analysis of various cell lysis using NB100-81802.



## Publications

Sobel RA, Albertelli M, Hinojoza JR et al. Azetidine-2-Carboxylic Acid-Induced Oligodendroglipathy: Relevance to the Pathogenesis of Multiple Sclerosis *Journal of Neuropathology & Experimental Neurology* 2022-05-20 [PMID: 35521963] (Immunocytochemistry/ Immunofluorescence)



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### **Products Related to NB100-81802**

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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

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### **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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