

# Product Datasheet

## ATF2 [p Thr69] Antibody - BSA Free NB100-81798

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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**NB100-81798**

ATF2 [p Thr69] Antibody - BSA Free

Product Information	
Unit Size	0.05 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 50% glycerol
Target Molecular Weight	52 kDa

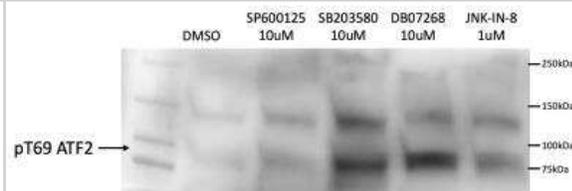
Product Description	
Description	Novus Biologicals Rabbit ATF2 [p Thr69] Antibody - BSA Free (NB100-81798) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-ATF2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1386
Gene Symbol	ATF2
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects endogenous levels of ATF2 only when phosphorylated at threonine 69 or 51.
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human ATF2 around the phosphorylation site of threonine 69 or 51 (D-Q-TP-P-T).

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, Immunohistochemistry 1:50-1:100, Immunocytochemistry/Immunofluorescence 1:100 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:100

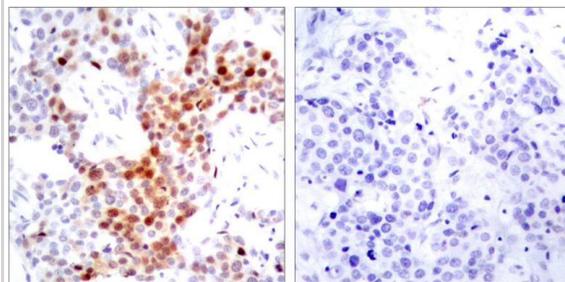


## Images

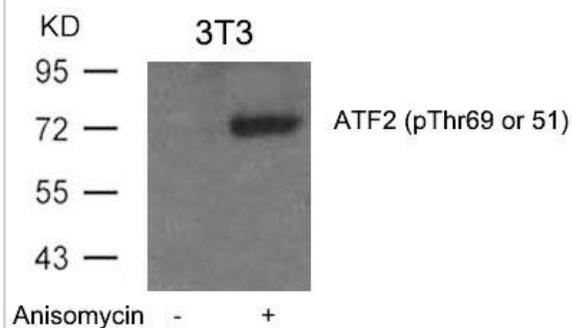
Western Blot: ATF2 [p Thr69] Antibody [NB100-81798] - Human U251 glioma cell line, whole cell lysates. Cells have been treated with JNK and p38 inhibitors. WB image submitted by a verified customer review.



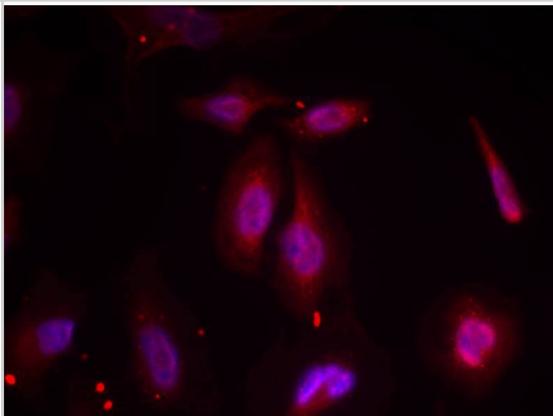
Immunohistochemistry-Paraffin: ATF2 [p Thr69] Antibody [NB100-81798] - Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using NB100-81798(left) or the same antibody preincubated with blocking peptide (right).



Western Blot: ATF2 [p Thr69] Antibody [NB100-81798] - Analysis of extracts from 3T3 cells untreated or treated with Anisomycin using NB100-81798



Immunocytochemistry/Immunofluorescence: ATF2 [p Thr69] Antibody [NB100-81798] - Immunofluorescence staining of methanol-fixed Hela cells using NB100-81798



## Publications

Li M, Lu H, Wang X Et al. Pyruvate kinase M2 (PKM2) interacts with activating transcription factor 2 (ATF2) to bridge glycolysis and pyroptosis in microglia Molecular immunology 2021-11-17 [PMID: 34798593] (WB, Mouse)



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### **Products Related to NB100-81798**

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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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