

# Product Datasheet

## GADD153/CHOP Antibody (9C8) - Azide and BSA Free NBP2-80745

Unit Size: 0.1 ml

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

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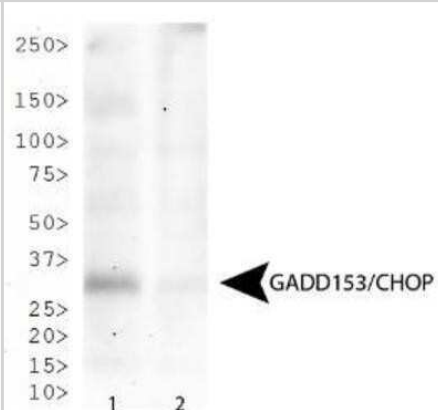
**NBP2-80745**

GADD153/CHOP Antibody (9C8) - Azide and BSA Free

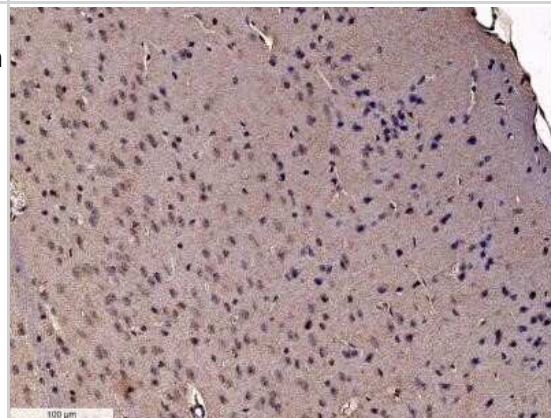
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	9C8
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	Protein A purified
Buffer	Tris-Glycine, 0.15 M NaCl
Target Molecular Weight	19 kDa
Product Description	
Host	Mouse
Gene ID	1649
Gene Symbol	DDIT3
Species	Human, Mouse, Rat, Primate
Immunogen	Full length mouse CHOP/GADD153 [Swiss-Prot# P35639]
Product Application Details	
Applications	Western Blot, Simple Western, Chromatin Immunoprecipitation, ELISA, Gel Super Shift Assays, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), Knockdown Validated
Recommended Dilutions	Western Blot, Simple Western 1:250, Chromatin Immunoprecipitation reported in scientific literature (PMID 30962207), ELISA reported in scientific literature (PMID 29915575), Immunohistochemistry 1:100, Immunocytochemistry/ Immunofluorescence 1:100, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Paraffin, Gel Super Shift Assays reported in scientific literature, Chromatin Immunoprecipitation (ChIP), Knockdown Validated
Application Notes	In Western blot a band can be seen at approx. 29 kDa.  In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: antibody dilution of 1:250. Separated by Size-Wes, Sally Sue/Peggy Sue. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

## Images

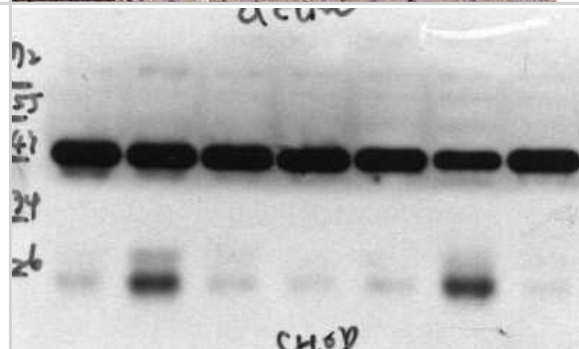
Western Blot: GADD153/CHOP Antibody (9C8) - Azide and BSA Free [NBP2-80745] - GADD153/CHOP expression in HeLa cells treated with 2.5 ug/mL tunicamycin for 4 hours (Lane 1) and untreated (Lane 2). Image from the standard format of this antibody.



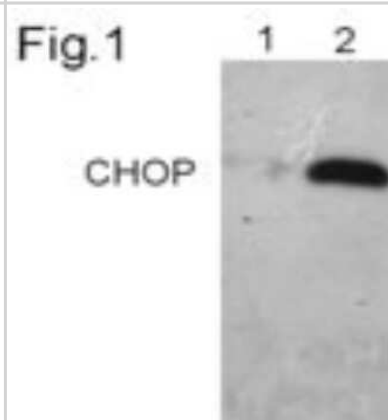
Immunohistochemistry-Paraffin: GADD153/CHOP Antibody (9C8) - Azide and BSA Free [NBP2-80745] - FFPE tissue section of mouse brain using 1:100 dilution of GADD153/CHOP antibody. The signal was developed using HRP-DAB based detection method which followed counterstaining of the nuclei with hematoxylin. The antibody generated a cytoplasmic and nuclear



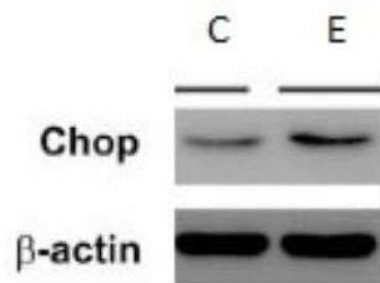
Western Blot: GADD153/CHOP Antibody (9C8) - Azide and BSA Free [NBP2-80745] - Analysis of CHOP in rat heart tissue lysate. Image courtesy of product review submitted by Lee Hsiao-Wei. Image from the standard format of this antibody.



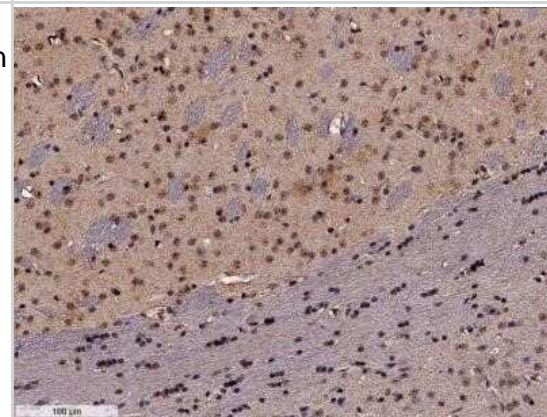
Western Blot: GADD153/CHOP Antibody (9C8) - Azide and BSA Free [NBP2-80745] - Analysis of endogenous CHOP/GADD153 from primary human fibroblasts using NB600-1335. Lane 1: Untreated cells, Lane 2: Cells treated with tunicamycin for 10 hours. Image from the standard format of this antibody.



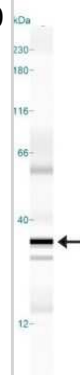
Western Blot: GADD153/CHOP Antibody (9C8) - Azide and BSA Free [NBP2-80745] - Ethanol feeding increases CHOP expression. Image from verified customer review. Image from the standard format of this antibody.



Immunohistochemistry-Paraffin: GADD153/CHOP Antibody (9C8) - Azide and BSA Free [NBP2-80745] - FFPE tissue section of mouse brain using 1:100 dilution of GADD153/CHOP antibody. The signal was developed using HRP-DAB based detection method which followed counterstaining of the nuclei with hematoxylin. The antibody generated a cytoplasmic and nuclear



Simple Western: GADD153/CHOP Antibody (9C8) - Azide and BSA Free [NBP2-80745] - Image shows a specific band for CHOP/GADD153 in 1.0 mg/mL of HeLa lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system. Image from the standard format of this antibody.





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### **Products Related to NBP2-80745**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP2-13172PEP	GADD153/CHOP Antibody Blocking Peptide

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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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