

# Product Datasheet

## GADD45G Antibody (OTI2F12)

### NBP2-45807

Unit Size: 0.1 ml

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

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**NBP2-45807**

GADD45G Antibody (OTI2F12)

| Product Information     |  |
|-------------------------|--|
| Unit Size               | 0.1 ml                                   |
| Concentration           | 1 mg/ml                                  |
| Storage                 | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality               | Monoclonal                               |
| Clone                   | OTI2F12                                  |
| Preservative            | 0.02% Sodium Azide                       |
| Isotype                 | IgG1                                     |
| Purity                  | Immunogen affinity purified              |
| Buffer                  | PBS (pH 7.3), 1.0% BSA and 50% Glycerol  |
| Target Molecular Weight | 16.9 kDa                                 |

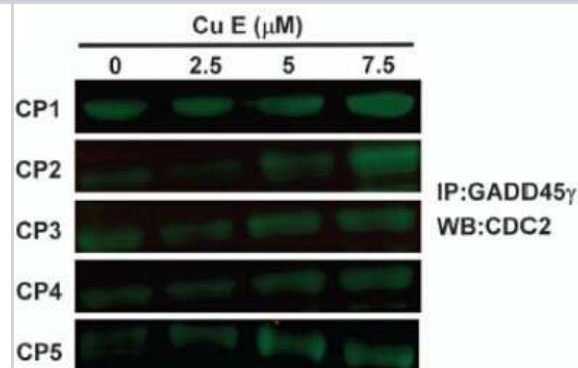
| Product Description |   |
|---------------------|---|
| Description         | Novus Biologicals Mouse GADD45G Antibody (OTI2F12) (NBP2-45807) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-GADD45G Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.  |
| Host                | Mouse   |
| Gene ID             | 10912   |
| Gene Symbol         | GADD45G   |
| Species             | Human, Mouse, Rat   |
| Reactivity Notes    | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| Immunogen           | Full length human recombinant protein of human GADD45G(NP_006696) produced in HEK293T cell.   |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation                     |
| Recommended Dilutions       | Western Blot 1:4000, Immunohistochemistry 1:150, Immunocytochemistry/Immunofluorescence 1:1000, Immunoprecipitation, Immunohistochemistry-Paraffin |

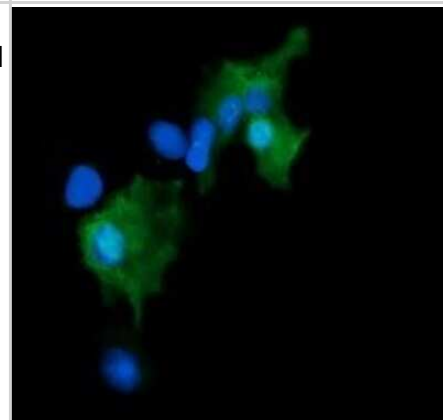


## Images

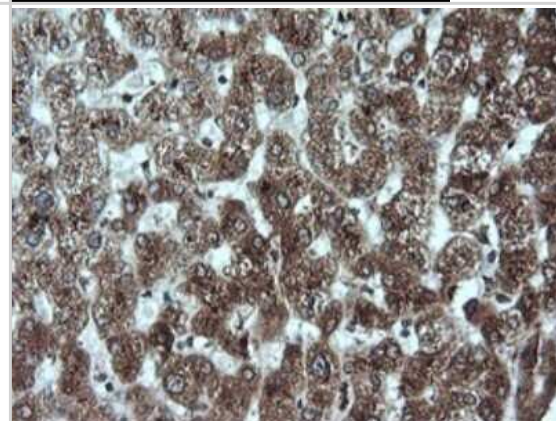
Western Blot: GADD45G Antibody (OTI2F12) [NBP2-45807] - GADD45G protein level by using anti-GADD45G antibody in human CRC cells.



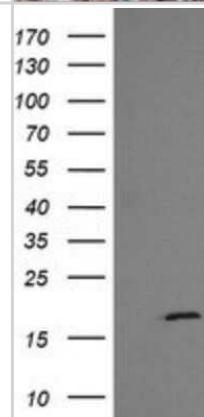
Immunocytochemistry/Immunofluorescence: GADD45G Antibody (OTI2F12) [NBP2-45807] - Analysis of COS7 cells transiently transfected by pCMV6-ENTRY GADD45G.



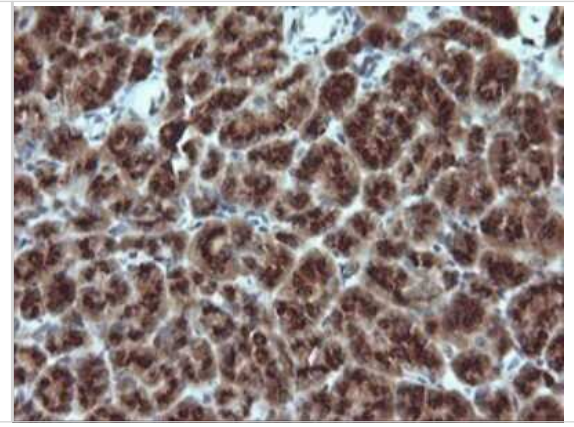
Immunohistochemistry: GADD45G Antibody (OTI2F12) [NBP2-45807] - Analysis of Human liver tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Western Blot: GADD45G Antibody (OTI2F12) [NBP2-45807] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GADD45G.



Immunohistochemistry: GADD45G Antibody (OTI2F12) [NBP2-45807] - Analysis of Human pancreas tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



## Publications

Kawaguchi K, Akeda K, Yamada J et al. Expression of GADD45G and CAPRIN1 in Human Nucleus Pulposus: Implications for Intervertebral Disc Degeneration International journal of molecular sciences 2023-03-17 [PMID: 36982840]



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### **Products Related to NBP2-45807**

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|                  |   |
|------------------|---|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                        |
| NBC1-18437       | Recombinant Human GADD45G Protein                       |

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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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