

Datasheet for ABIN6261869  
**anti-GADD45A antibody (N-Term)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µL
Target:	GADD45A
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GADD45A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	A synthesized peptide derived from human GADD45A, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	GADD45A Antibody detects endogenous levels of total GADD45A.
Predicted Reactivity:	Pig,Bovine,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	GADD45A
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## Target Details

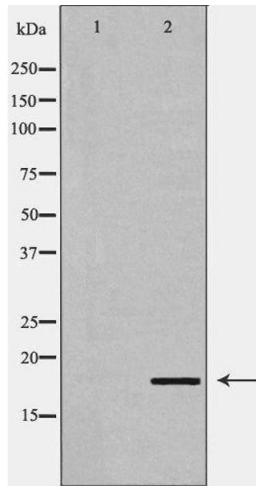
Alternative Name:	GADD45A ( <a href="#">GADD45A Products</a> )
Background:	<p>Description: In T-cells, functions as a regulator of p38 MAPKs by inhibiting p38 phosphorylation and activity (By similarity). Might affect PCNA interaction with some CDK (cell division protein kinase) complexes, stimulates DNA excision repair in vitro and inhibits entry of cells into S phase.</p> <p>Gene: GADD45A</p>
Molecular Weight:	18kDa
Gene ID:	1647
UniProt:	<a href="#">P24522</a>
Pathways:	<a href="#">p53 Signaling</a> , <a href="#">Cell Division Cycle</a>

## Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

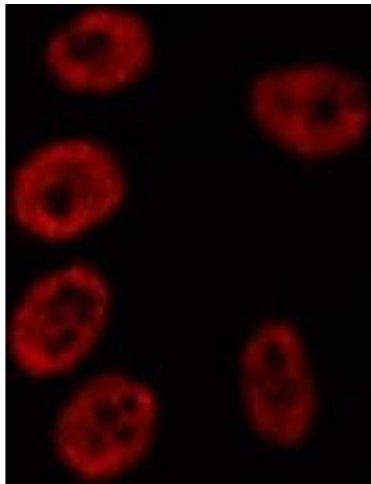
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



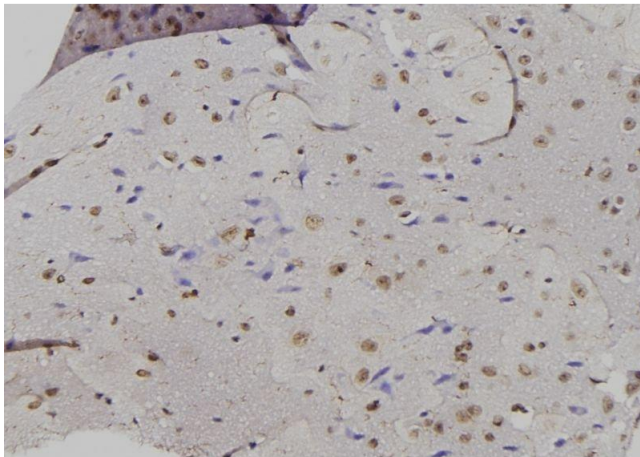
### Western Blotting

**Image 1.** Western blot analysis of Mouse liver tissue lysates, using GADD45A Antibody. The lane on the left is treated with the antigen-specific peptide.



### Immunofluorescence (fixed cells)

**Image 2.** ABIN6276885 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody (Cat.# S0006), diluted at 1/600, was used as secondary antibody



### Immunohistochemistry

**Image 3.** ABIN6276885 at 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary