

Datasheet for ABIN7307806  
**anti-GADD45A antibody**

## 2 Images

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## Overview

Quantity:	100 µL
Target:	GADD45A
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GADD45A antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunochromatography (IC)

## Product Details

Purpose:	Rabbit polyclonal antibody to GADD45 alpha
Immunogen:	Recombinant full length protein of human GADD45 alpha
Specificity:	Recognizes endogenous levels of GADD45 alpha protein.
Characteristics:	Rabbit polyclonal antibody to GADD45 alpha
Purification:	The antibody was purified by immunogen affinity chromatography.

## Target Details

Target:	GADD45A
Alternative Name:	GADD45 alpha ( <a href="#">GADD45A Products</a> )
Background:	DDIT1, GADD45, Growth arrest and DNA damage-inducible protein GADD45 alpha, DNA damage-inducible transcript 1 protein, DDIT-1

### Target Details

Gene ID:	1647, 13197
UniProt:	<a href="#">P24522</a> , <a href="#">P48316</a> , <a href="#">P48317</a>
Pathways:	<a href="#">p53 Signaling</a> , <a href="#">Cell Division Cycle</a>

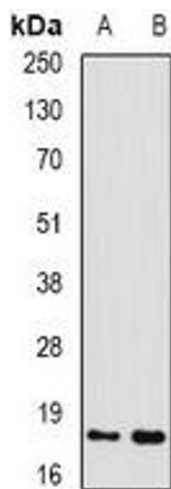
### Application Details

Application Notes:	WB (1:500 - 1:2000), IF/IC (1:10 - 1:100)
Restrictions:	For Research Use only

### Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
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:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

### Images



#### Western Blotting

**Image 1.** Western blot analysis of GADD45 alpha expression in mouse liver (A), mouse kidney (B) whole cell lysates.



### Immunofluorescence

**Image 2.** Immunofluorescent analysis of GADD45 alpha staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary an