

## Datasheet for ABIN634503 anti-GADD45B antibody (Middle Region)

1 Image



Overview

0.01.1011	
Quantity:	100 µL
Target:	GADD45B
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GADD45B antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	GADD45 B antibody was raised using the middle region of GADD45 corresponding to a region
	with amino acids FCCDNDINIVRVSGMQRLAQLLGEPAETQGTTEARDLHCLLVTNPHTDAW
Specificity:	GADD45 B antibody was raised against the middle region of GADD45
Purification:	Affinity purified
Target Details	
Target:	GADD45B

Alternative Name:	GADD45B (GADD45B Products)
Background:	GADD45B is a member of a group of genes whose transcript levels are increased following
	stressful growth arrest conditions and treatment with DNA-damaging agents. The genes in this
	group respond to environmental stresses by mediating activation of the p38/JNK pathway. This

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## Target Details

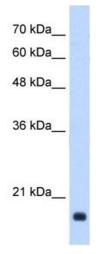
	activation is mediated via their proteins binding and activating MTK1/MEKK4 kinase, which is
	an upstream activator of both p38 and JNK MAPKs. The function of these genes or their
	protein products is involved in the regulation of growth and apoptosis. These genes are
	regulated by different mechanisms, but they are often coordinately expressed and can function
	cooperatively in inhibiting cell growth.
Molecular Weight:	18 kDa (MW of target protein)
Pathways:	Cell Division Cycle
Application Details	
Application Notes:	WB: 0.25 µg/mL
	Optimal conditions should be determined by the investigator.
Comment:	GADD45B Blocking Peptide, catalog no. 33R-2851, is also available for use as a blocking control
	in assays to test for specificity of this GADD45B antibody

Restrictions: For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of GADD40 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

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## Western Blotting

**Image 1.** GADD45B antibody used at 0.25 ug/ml to detect target protein.

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