

GADD45A polyclonal antibody (A01)

Catalog # H00001647-A01

Size 50 uL

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant GADD45A.
Immunogen	GADD45A (AAH11757, 76 a.a. ~ 165 a.a) partial recombinant protein with GST tag.
Sequence	TLIQAFCCENDINILRVSNPGR LAELLLLETDAGPAASEGAEQPPDLHCVLVTNPHSSQWKDPALS QLICFCRESRYMDQWVPVINLPER
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — GADD45A

Entrez GeneID	1647
GeneBank Accession#	BC011757
Protein Accession#	AAH11757
Gene Name	GADD45A
Gene Alias	DDIT1, GADD45

Gene Description	growth arrest and DNA-damage-inducible, alpha
Omim ID	126335
Gene Ontology	Hyperlink
Gene Summary	This gene 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 protein encoded by this gene responds to environmental stresses by mediating activation of the p38/JNK pathway via MTK1/MEKK4 kinase. The DNA damage-induced transcription of this gene is mediated by both p53-dependent and -independent mechanisms. [provided by RefSeq]
Other Designations	DNA damage-inducible transcript 1 DNA damage-inducible transcript-1 DNA-damage-inducible transcript 1 OTTHUMP00000010979 growth arrest and DNA-damage-inducible 45 alpha

Pathway

- [Cell cycle](#)
- [MAPK signaling pathway](#)
- [p53 signaling pathway](#)

Disease

- [Ataxia telangiectasia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Chronic Disease](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Microsatellite Instability](#)
- [Neoplasms](#)
- [Occupational Diseases](#)

- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Schizophrenia](#)